

4. Modify Fee Assessment Basis to meet the requirements of AB 602 (signed into law Sept. 2021 which took effect in 2022) and any other pertinent laws which may affect development fees.
  - a. It is noted that the interior square footage basis of AB 602 does not directly relate to the basis of watershed impacts that the fee is collected to mitigate. For example a 2000 square foot single story home would typically have more impervious coverage of its lot than a 2000 square foot two story home would. The impacts of this fee are directly associated with coverage of pervious soils with impervious surfaces. The interior square footage basis also does not directly address the impervious surface area of streets, and other common areas which also contribute to impacts.
  - b. To address the issues raised in 4(a), CESI will review the requirements of AB 602, and determine if an reasonably compliant basis can be developed, or if this particular fee is more supportable based on the AB602 exceptions:
    - i. An explanation as to why square footage is not an appropriate metric to calculate fees imposed on housing development projects
    - ii. An explanation that the alternative basis of calculating the fees bears a reasonable relationship between the fee charged and the burden posed by the development
    - iii. That other policies in the fee structure support smaller development, or otherwise ensure that smaller development are not charged disproportionate fees.

#### **B) PG&C BASIN ALTERNATIVES & COST ANALYSIS (City, C+PR)**

The Cost alternatives are based on project pre-design alternative for a non-excavated (At-Grade basis) basin. Flood waters are delivered to this basin by Pleasant Grove Creek Bypass Channel and connection weirs constructed with the Creekview development. The “excavated” alternatives consider a design that wasn’t presented with the Program Level EIR for an alternative basin design and operation that gains additional storage volumes by excavating soils within the basin area, providing an increased hydraulic delivery slope, and lower flood elevations within the basin, as well as additional storage volume.

In addition to the volumetric storage basin on the south side of Pleasant Grove Creek, a stream restoration project on the north side of Pleasant Grove Creek is also a part of the future Capital Improvements for this Fee. In the City Only “At Grade” scenario, some volumetric storage north of the creek is also necessary to complete the total City storage needs. In the “Excavated” scenarios, the northern areas are limited in scope to only the stream restoration project, as all required storage volumes will be held in the basin south of Pleasant Grove Creek.

- a. City Only “At Grade” Basin Preliminary Design Layout and Cost Estimate
  - i. Update layout/pre design for updated computed impact volumes, and items modified in the previous OMRR&R plan.



- ii. Determine line item Construction Quantities from the updated Basin Layout/Pre-Design.
  - iii. Determine Unit Price Estimates
    - 1. Consult with a contractor, or estimating specialist on improved current unit prices for key construction elements such as excavation and embankments.
  - iv. Consult with a Sub-Consultant on Value Engineering elements for the City's consideration to be implemented in future design and environmental analysis of the project.
  - v. Prepare an updated Construction Cost Estimate
- b. City Only "Excavated" Basin Preliminary Design Layout and Cost Estimate
  - i. Update layout/pre design for updated computed impact volumes, and items modified in the previous OMRR&R plan.
  - ii. Determine line item Construction Quantities from the updated Basin Layout/Pre-Design.
  - iii. Determine Unit Price Estimates
    - 1. Consult with a contractor, or estimating specialist on improved current unit prices for key construction elements such as excavation and embankments.
  - iv. Consult with a Sub-Consultant on Value Engineering elements for the City's consideration to be implemented in future design and environmental analysis of the project.
  - v. Prepare an updated Construction Cost Estimate
- c. City Plus Placer Ranch(C+PR) "Excavated" Basin Preliminary Design
  - i. Update layout/pre design for updated computed impact volumes, and items modified in the previous OMRR&R plan.
  - ii. Determine line item Construction Quantities from the updated Basin Layout/Pre-Design.
  - iii. Determine Unit Price Estimates
    - 1. Consult with a contractor, or estimating specialist on improved current unit prices for key construction elements such as excavation and embankments.
  - iv. Consult with a Sub-Consultant on Value Engineering elements for the City's consideration to be implemented in future design and environmental analysis of the project.
  - v. Prepare an updated Construction Cost Estimate

#### **C) PG&C FEE - OMRR&R Analysis**

- a. Prepare updated analysis of the Quantities and Costs for the Operation, Maintenance, Repair, Replacement, and Rehabilitation (OMRR&R) for the following project alternatives: University Creek (north basin) items will be included based on the applicable design/layout for each alternative.
  - i. City Only Basin (At-Grade and Excavated)
  - ii. City plus Placer Ranch Basin (Excavated).
    - 1. Identify separate fees for City and Placer Ranch areas based on different line item participation costs.

#### **D) PG&C DOCUMENTATION AND ADMIN**

- a. The main PG&C Fee documentation will be prepared based on the "At Grade" scenario and not including the Placer Ranch volumes.
- b. Separate documentation of the fee will be prepared for the City "Excavated" basis layout and the City + Placer Ranch basis layout.
- c. Meetings and Coordination:
  - i. Prepare meeting agendas and notes
- d. Update the OMRR&R Documentation
- e. Draft Documents and data for City review will be delivered electronically, and include WORD document version for "track changes" review.
- f. Prepare 6 Final Hard Paper Copies of each of three final report documents Identified in Item D.
- g. Prepare Digital Copies of Final Documents and supporting information to the City via Thumb-drive, and post electronically if requested by City.

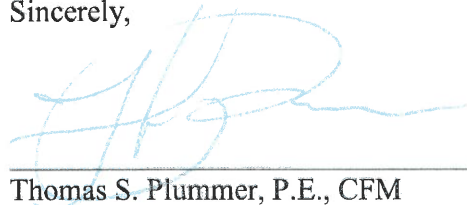
**Assumptions:**

- a. City will provide digital data for use in determining land use changes, Parcels with Fees already collected, fund status, and other supporting information necessary to complete Task A
- b. Physical hardcopies will only be required for final documents as described above, and digital versions will be used for all draft review information.
- c. Scope and Costs are based on using previous layout/designs from previous documents prepared for the City and Placer County. A substantial revision for new operational constraints, site constraints or site plan changes may result in additional costs.

We propose to perform the above described services for a total fee not to exceed without authorization of \$133,320.

If you have any questions or comments, please contact me at (916) 645-5700.

Sincerely,



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Thomas S. Plummer, P.E., CFM

## Estimated Hours/Rates Backup:

Note that CESI has included funds for a sub-consultant for some services.

| 2023 Roseville - Pleasant Grove Creek Volumetric Mitigation Fee and Reasonable Evaluations |                                                                           |                              |                               |                              |                             |                 |                 |
|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|------------------------------|-------------------------------|------------------------------|-----------------------------|-----------------|-----------------|
| Item                                                                                       | Sub-Item                                                                  | Project Manager<br>\$ 180.00 | Project Engineer<br>\$ 140.00 | Design Engineer<br>\$ 100.00 | Sub-Consultant<br>\$ 180.00 | GIS<br>\$ 70.00 | Line Item Total |
| A                                                                                          | PG&C FEE UPDATE ANALYSIS                                                  |                              |                               |                              |                             |                 |                 |
| 1                                                                                          | Land Use Inventory                                                        | 8                            | 24                            | 24                           |                             | 40              | \$ 10,000.00    |
| 2                                                                                          | Impacts Analysis                                                          | 12                           | 16                            |                              |                             |                 | \$ 4,400.00     |
| 3                                                                                          | Updated Fee Basis Analysis (C+PR)                                         | 20                           | 40                            |                              |                             | 40              | \$ 12,000.00    |
| B                                                                                          | PG&C BASIN ALTERNATIVE & COST ANALYSIS (City, C+PR)                       |                              |                               |                              |                             |                 |                 |
| 4                                                                                          | Design Layouts: City At Grade(update), City Excavated(update), C+PR (NEW) | 32                           | 48                            | 24                           |                             | 48              | \$ 18,240.00    |
| 5                                                                                          | Quantities                                                                | 8                            | 32                            | 40                           |                             |                 | \$ 9,200.00     |
| 6                                                                                          | Unit Prices                                                               | 6                            | 12                            |                              | 40                          |                 | \$ 8,960.00     |
| 7                                                                                          | Value Engineering                                                         | 6                            | 12                            |                              | 80                          |                 | \$ 17,160.00    |
| C                                                                                          | PG&C FEE - OMRR&R Analysis                                                |                              |                               |                              |                             |                 |                 |
| 8                                                                                          | OMRR&R Analysis Update for C and C+PR                                     | 12                           | 24                            | 16                           | 16                          | 24              | \$ 11,600.00    |
| D                                                                                          | PG&C DOCUMENTATION AND ADMIN                                              |                              |                               |                              |                             |                 |                 |
| 9                                                                                          | Design Layout Summary, Technical Memorandum C & C+PR                      | 16                           | 20                            |                              | 8                           | 32              | \$ 9,360.00     |
| 10                                                                                         | Fee Update Analysis Documentation C & C+PR                                | 20                           | 24                            | 16                           | 8                           | 60              | \$ 14,200.00    |
| 11                                                                                         | OMRR&R Updated Report C & C+PR                                            | 4                            |                               | 8                            | 4                           | 8               | \$ 2,800.00     |
| 12                                                                                         | Meetings, Admin and Project Management                                    | 60                           | 20                            |                              |                             |                 | \$ 13,600.00    |
| TOTALS =                                                                                   |                                                                           | \$ 36,720.00                 | \$ 38,080.00                  | \$ 12,800.00                 | \$ 28,080.00                | \$ 17,640.00    | \$ 133,320.00   |

## **2016 Fee Update Budget and Amount Spent for Reference:**

| Job #    | Description                                  | Client      | Contract | Previously Billed To Date | New + INVOICE | Remains |
|----------|----------------------------------------------|-------------|----------|---------------------------|---------------|---------|
| 2016.11A | Roseville - 2016 PGC FEE UPDATE              | Chris Kraft | 66160    | 39470                     |               | 15690   |
| 2016.11B | Roseville - 2016 PGC ALTERNATIVE ANALYSIS    | Chris Kraft | 27380    | 10240                     |               | 17140   |
| 2016.11C | Roseville - 2016 PGC DOCUMENTATION AND ADMIN | Chris Kraft | 45820    | 26080                     |               | 17740   |
| TOTALS:  |                                              |             | 128360   | 77790                     |               | 50570   |



## **Notice of Exemption**

To: Placer County Clerk  
Recorder's Office  
2954 Richardson Drive  
Auburn, CA 95603

From: City of Roseville  
Development Services Dept.  
311 Vernon Street  
Roseville, CA 95678

**Project Title:** 2023 Pleasant Grove/Curry Creek Watershed Mitigation Fee Update – Professional Services Agreement

**Project Location(s):** City of Roseville (Placer County) CA

**Project Description:** The project authorizes the preparation of an update to the Pleasant Grove/Curry Creek Watershed Mitigation Fee. The fee update study will make a recommendation to update the drainage fees that are collected to mitigate the downstream stormwater volume impact resulting from development in Roseville as part of a long-term program, as well as update the study's hydrologic methodologies since the fee's last update in 2018. As part of the contract for the fee study update, the consultant would prepare a preliminary planning-level study to determine potential future flood mitigation needs. Additional facilities are not included in the City's current mitigation plans, and as a result, if the assessment recommends additional facilities, or increases to currently approved facilities, these would require additional design, study, and consideration before they could be approved. Any additional or projects larger in scale than what has already been evaluated would require additional CEQA analysis, though the current assessment is considered a preliminary planning level study, which is exempt from CEQA.

**Public Agency Approving Project:** Roseville City Council

**Agency/Individual Carrying Out Project:** City of Roseville Public Works Department

**Reason why this Project is Exempt:** The project includes two components. The first is the 2023 Pleasant Grove/Curry Creek Watershed Mitigation Fee Update, which is Statutorily exempt from CEQA pursuant to State CEQA Guidelines section 15273 because it involves the modification and/or restructuring of rates by a public agency for the purpose of obtaining funds for capital projects, necessary to maintain service within existing service areas. CEQA states the following:

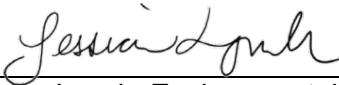
"CEQA does not apply to the establishment, modification, structuring, restructuring, or approval of rates, tolls, fares, or other charges by public agencies which the public agency finds are for the purpose of: (a) (4) Obtaining funds for capital projects, necessary to maintain service within existing service areas..."

The second component is a preliminary assessment into the potential for possible future flood control facilities, which are only being considered for feasibility at this time. Therefore, this component is Statutorily exempt from CEQA pursuant to CEQA Guidelines section 15262 because the project only authorizes feasibility and planning studies at this time. Following completion of this assessment, if determined appropriate, staff will refine the project proposal and conduct CEQA review prior to project approval. CEQA states:

“A project involving only feasibility or planning studies for possible future actions which the agency, board, or commission has not approved, adopted, or funded does not require the preparation of an EIR or Negative Declaration but does require consideration of environmental factors. This section does not apply to the adoption of a plan that will have a legally binding effect on later activities.”

Approval of the 2023 Pleasant Grove/Curry Creek Watershed Mitigation Fee Update is considered Statutorily exempt from CEQA (State CEQA Guidelines section 15273 and 15262). The project involves the modification and/or restructuring of rates by a public agency for the purpose of obtaining funds for capital projects, necessary to maintain service within existing service areas. In addition, a preliminary planning-level assessment of the potential need for future flood control facilities will be completed, and if it is determined that a new project should move forward, additional CEQA analysis will be done prior to approval.

**Lead Agency Contact Person:** Brian Walker, City Floodplain Manager/Senior Engineer, 311 Vernon Street, Roseville, CA 95678 (916) 746-1300.

Signature:  Date: 8/2/2023  
Jessica Lynch, Environmental Coordinator,  
City of Roseville





## COUNCIL COMMUNICATION

CC #: 2884

File #: 0323

**Title:** Opposition to the Release of a Sexually Violent Predator  
**Contact:** Troy Bergstrom 916-774-5058 tberstrom@roseville.ca.us  
Travis Cochran 916-774-5325 tecochran@roseville.ca.us

**Meeting Date:** 8/16/2023

**Item #:** 6.15.

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution opposing the release of William Stephenson, a Sexually Violent Predator, into the incorporated areas of South Placer County, and approving a letter to be sent to Liberty Healthcare for submission to the Department of State Hospitals and the Placer County Superior Court.

### BACKGROUND

William Robert Stephenson ("Stephenson") is a "Sexually Violent Predator" who has been committed for an indeterminate term to the custody of the Department of State Hospitals for treatment. Under California law, a "Sexually Violent Predator" is defined as an individual who has been convicted of a sexually violent crime against one or more persons and has been diagnosed with a mental disorder that makes the individual a danger to the health and safety of others because it is likely the individual will commit sexually violent criminal behavior without treatment in custody.

On about January 20, 2022, a Judge for the Placer County Superior Court ("Court") ordered the conditional release of Stephenson from the Department of State Hospitals to outpatient treatment and supervision. On about July 17, 2023, a Judge for the Court granted a petition allowing Stephenson to be released with "Transient Status", whereby Stephenson would be released to a trailer or recreational vehicle to a location in Placer County that has yet to be determined but without a designated address. The Court also scheduled a hearing for September 1, 2023, to consider the specific location of the trailer or recreational vehicle.

On about July 27, 2023, the Department of State Hospitals issued a notice regarding the potential placement of Stephenson in Placer County. The issuance of the notice allows agencies within Placer County to provide written comments regarding Stephenson's impending release, location, and conditions of release. These comments are submitted to the treatment provider, Liberty Healthcare, and are then submitted to the Department of State Hospitals and the Court.

For multiple reasons, the release and placement of Stephenson into the incorporated areas of

South Placer County (including the cities of Roseville, Rocklin, and Lincoln) is not appropriate. The incorporated areas of South Placer County and particularly, the City of Roseville, are the most densely populated areas of the County and have the highest percentages of underage individuals. These growing communities are also home to numerous parks, schools, and other places where children gather. Stephenson was conditionally released in 2014 and placed in the City of Roseville, but quickly violated the conditions of his release and re-offended by possessing sexually explicit materials involving children. Additionally, the City of Roseville prohibits camping on public property and prohibits long-term parking of RVs and trailers on any street, alley, or public parking facility. If Stephenson were to be released to a trailer and placed within the City of Roseville, he would be in immediate violation of the Roseville Municipal Code and subject to code enforcement efforts and penalties.

For these reasons, it is recommended that the City Council adopt a resolution opposing the release and placement of Stephenson into the incorporated areas of South Placer County, including anywhere within the geographic boundaries of the cities of Roseville, Rocklin, and Lincoln. Adopting the resolution also approves the attached comment letter to Liberty Healthcare. This letter provides further details as to why the City of Roseville is not a suitable placement for Stephenson, and if approved, will be sent by Staff to Liberty Healthcare for submission to the Department of State Hospitals and the Placer County Superior Court.

#### FISCAL IMPACT

There is no fiscal impact associated with the proposed action.

#### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute Section 21065 and CEQA State Guidelines Section 15060(c)(3) and Section 15378. The proposed resolution meets the above criteria and is not subject to CEQA. No additional environmental review is required.

#### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal B – Support community engagement and advocacy  
Goal C – Maintain a safe and healthy community  
Goal E – Deliver exceptional City services

Respectfully Submitted,

Travis Cochran, Deputy City Attorney

Troy Bergstrom, Police Chief



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Dominick Casey, City Manager

**ATTACHMENTS:**

**Description**

Resolution 23-346

Attachment A - Letter to Liberty Healthcare

RESOLUTION NO. 23-346

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE OPPOSING THE  
RELEASE OF A SEXUALLY VIOLENT PREDATOR INTO THE INCORPORATED AREAS  
OF SOUTH PLACER COUNTY

WHEREAS, under California law, a “Sexually Violent Predator” is defined as an individual who has been convicted of a sexually violent crime against one or more persons and has been diagnosed with a mental disorder that makes the individual a danger to the health and safety of others because it is likely the individual will commit sexually violent criminal behavior without treatment in custody; and

WHEREAS, William Robert Stephenson (“Stephenson”) had been convicted of violations of Penal Code § 220, Assault With Intent to Commit a Specific Sex Offense; Penal Code § 289(a), Sexual Penetration of a Victim With Foreign Object By Force; and Penal Code § 288a(c)(2), Oral Copulation By Force Or Fear, and had been committed for an indeterminate term to the custody of the Department of State Hospitals as a Sexually Violent Predator; and

WHEREAS, on or around January 20, 2022, a Judge for the Placer County Superior Court ordered the conditional release of Stephenson from the Department of State Hospitals and into the community for receipt of outpatient treatment; and

WHEREAS, on or around July 17, 2023, a Judge for the Placer County Superior Court granted a petition allowing Stephenson to be released with “Transient Status”, whereby Stephenson would be released to a trailer or recreational vehicle to a location in Placer County that has yet to be determined but without a designated address; and

WHEREAS, Stephenson was previously conditionally released into the City of Roseville in 2014; and

WHEREAS, on or around May 19, 2017, while on conditional release, Stephenson was arrested and subsequently charged with violation of Penal Code § 311.11(b), Possession of Obscene Matter of a Minor, a felony; and

WHEREAS, Stephenson’s violation of Penal Code § 311.11(b) and his associated internet use and browser search history violated the terms of his conditional release; and

WHEREAS, a key role of a municipality is to protect the health and safety of its residents and community members; and

WHEREAS, the cities of Roseville, Rocklin, and Lincoln represent approximately sixty-seven percent (67%) of the entire population of Placer County; and

WHEREAS, the cities of Roseville, Rocklin, and Lincoln represent only six percent (6%) of the total land area of Placer County; and

WHEREAS, approximately twenty-four percent (24%) of the population of Roseville, Rocklin, and Lincoln are under the age of 18; and

THEREFORE, BE IT RESOLVED that release of a Sexually Violent Predator in the cities of Roseville, Rocklin, or Lincoln, which represent the most dense urban populations with high percentages of underage individuals, is inappropriate; and

BE IT FURTHER RESOLVED, that release of Stephenson, a Sexually Violent Predator who has previously been conditionally released and subsequently reoffended by possessing obscene materials involving minors, into the cities of Roseville, Rocklin, or Lincoln is contrary to the public's health and safety; and

BE IT FURTHER RESOLVED, that the City Council vehemently opposes the release of Stephenson into the incorporated area of South Placer County, including anywhere within the cities of Roseville, Rocklin, and Lincoln; and

BE IT FURTHER RESOLVED, that the City Council approves the letter attached hereto as Attachment "A", and directs City staff to send the letter to Liberty Healthcare for submission to the Department of State Hospitals and the Placer County Superior Court; and

BE IT FURTHER RESOLVED, that staff may take additional actions as may be directed by the City Manager and the City Attorney in furtherance of opposing the release of Stephenson into the cities of Roseville, Rocklin, or Lincoln.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_\_ day of \_\_\_\_\_, 2023, by the following vote:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

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MAYOR

ATTEST:

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City Clerk

August 16, 2023

Melissa Bagwell, Psy.D.  
SVP CONREP Community Program Director  
Liberty Healthcare

**Re: Opposition to Placement of SVP William Stephenson in the City of Roseville**

Dear Dr. Bagwell:

Please accept this letter in response to the 6609.1 Notification Letter, dated July 27, 2023, regarding the conditional release of William Robert Stephenson, a Sexually Violent Predator (“SVP”). For the reasons set forth below, the City of Roseville (“City”) strongly opposes the release of Stephenson to a location within the geographic boundaries of the City.

**Living in a Mobile Vehicle or RV is Not Permitted**

It is the City’s understanding that the current Court-approved placement plan is that Stephenson be released as a “Transient” and that he live in a parked RV or mobile vehicle. The specific location of the parked RV or mobile vehicle has yet to be determined. This type of arrangement is not permitted within the City, as camping and/or leaving a vehicle in the same spot for over 72 hours is prohibited. Pursuant to Chapter 10.56 of the Roseville Municipal Code, it is illegal to camp upon any public property even if within a trailer, motorhome, RV, or other mobile vehicle. Public property includes all streets, parks, City easements, creekbeds, parking lots, and open space areas. Similarly, Roseville Municipal Code section 11.20.020 prohibits any vehicle (including RVs and trailers) from being parked or left on any street, alley, or in any public parking facility within the City for a period of 72 hours or more.

Based on the information available to date, it appears that the current proposed plan for Stephenson’s release would automatically violate the City’s Municipal Code if Stephenson is placed within the City. Moreover, such violations accrue on a day-to-day basis, meaning Stephenson would be charged with a separate and distinct offense for each and every day the prohibited camping or parking occurs. Each violation is chargeable as an administrative citation, infraction, or misdemeanor. There are other incorporated and unincorporated areas within Placer County, however, that do not prohibit this conduct, and even some that have programs for housing unsheltered individuals in trailers. If Stephenson is to be placed in a mobile vehicle or RV, it only makes sense that he be placed in a location where he is not in immediate violation of the law and subject to daily code enforcement efforts and penalties.

**The City is Densely Populated and Encompasses Many Parks, Schools, and Children**

The City’s estimated population as of July 1, 2022, is 154,817. While this represents roughly 37% of the total population of Placer County, the City represents only 3% of the total land area of



Placer County. The City has nearly 80 parks, and encompasses approximately 31 K-12 schools and 34 licensed preschools. Some additional parks and schools are already planned or being designed, and it is anticipated that several more schools and parks will be necessary to accommodate the City's continued growth. Moreover, the percentages of persons within the City that are under 18 years of age and under 5 years of age are among the highest of the incorporated and unincorporated areas of Placer County.

Given the residency restrictions of Penal Code section 3003.5 and Welfare & Institutions Code section 6608.5, placement of Stephenson in a compliant area within the City will be challenging. Placement becomes even more difficult considering that many of the less dense or currently undeveloped areas within the City are scheduled for development, including the many additional parks and schools that will be necessary to support new homes. Further, it is simply not appropriate and is contrary to public safety to release – even conditionally – a Sexually Violent Predator into the most densely populated area with the largest populations of minors and children.

### **Stephenson Re-Offended While on Conditional Release Within the City**

In approximately 2014, Stephenson was conditionally released from commitment and was placed in a residence within the City. While the City is not aware of the specific conditions of Stephenson's release, it is our understanding that such conditions usually include measures designed to monitor one's whereabouts and to limit access to sexually explicit materials. This may include GPS location monitoring, prohibiting explicit materials and pornography, limited access to the internet, supervision of all media use, being truthful with the treatment provider, not using software or other programs or devices that hide or delete internet usage or browser history, and consenting to searches of personal computers and other media devices.

During searches conducted by Liberty Healthcare of Stephenson's computer and home in March 2017, it was discovered that Stephenson was researching various ways to browse the internet without his browsing history being recorded or tracked, and other ways to potentially bypass supervised use of his media. He was untruthful with his healthcare provider regarding several "Rated R" movies that had been downloaded to his computer and he was untruthful about his access of various sites that allow peer-to-peer media sharing. Stephenson then consented to a forensic search of his computer, which was conducted by the Roseville Police Department. Forensic exam of Stephenson's computer showed multiple uses of computer software, programs, and/or services that help hide internet activity and prevent users from being tracked by law enforcement. The forensic exam also revealed access to pornographic sites and over 50 pornographic images, including images of sexually explicit material involving children. Stephenson was then arrested and charged for violating Penal Code section 311.11, subsection (d), Possession of Obscene Matter of a Minor.

Stephenson has already been released in Roseville, and he promptly violated the terms of his release and committed a felony. Stephenson, himself, has demonstrated that Roseville is not an appropriate place for his release and that he cannot be successful in this community, and the City lacks the resources to become Stephenson's private watchdog. Stephenson should be placed in an area where he has fewer distractions and temptations so that he has a greater chance of successful treatment and a lower chance of recidivism. Based on Stephenson's past actions and his failures in our City, his best chance of successful treatment and recovery is through placement in some other location.

Our City recognizes the difficult nature of this situation and the legal constraints imposed upon the Court for release of a Sexually Violent Predator, and that the reality of the situation is that no community will be pleased to have such an individual placed in their midst. However, the City has an obligation to its residents to inform Liberty Healthcare, the Department of State Hospitals, and the Court as to why Stephenson's placement within the City of Roseville is improper and at odds with public safety. Here, camping and extended parking of mobile vehicles or RVs is prohibited within the City, and the current placement plan would place Stepheson in immediate violations of the City's Municipal Code. The City is also densely populated, with many parks, schools, and higher proportions of children. Stephenson had an opportunity here when he was previously conditionally released but violated those conditions and re-offended by possessing sexually explicit materials involving children. The City of Roseville is simply not an appropriate location for placement of William Stephenson, and for these reasons, the City strongly opposes any placement of Stephenson in our community.

Sincerely,

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Mayor Bruce Houdesheldt

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Vice Mayor Krista Bernasconi

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Councilmember Scott Alvord

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Councilmember Pauline Roccucci

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Councilmember Tracy Mendonsa

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Dominick Casey, City Manager

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Michelle Sheidenberger, City Attorney

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Troy Bergstrom, Chief of Police



## COUNCIL COMMUNICATION

**CC #: 2853**

**File #: 0900-04-01**

**Title:** 2021 General Fund Arterial Resurfacing Project - Notice of Completion

**Contact:** Joe Arino 916-774-5464 jarino@roseville.ca.us

**Meeting Date: 8/16/2023**

**Item #: 6.16.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council accept the 2021 General Fund Arterial Resurfacing Project as complete and adopt a resolution authorizing the Public Works Director to execute the Notice of Completion.

### BACKGROUND

The 2021 General Fund Arterial Resurfacing Project:

- Replaced failed sections of asphalt roadway pavement; and
- Resurfaced with microsurfacing; and
- Reconstructed Curb Ramps to comply with American with Disabilities (ADA) requirements; and
- Replaced signal detector loops at various locations throughout the City.

The streets included in the project were portions of (see attached map for locations): Cirby Way, Pleasant Grove Blvd., Douglas Blvd., S. Cirby Way, Rocky Ridge Dr., and Old Auburn Rd.

The Public Works Engineering Division has made the final inspection of the 2021 General Fund Arterial Resurfacing Project and has found the work to be completed in accordance with the improvement plans and City Specifications and is now ready for acceptance. As required by the Specifications and Faithful Performance Bond, the Contractor shall guarantee the installation of all improvements for a period of 12 months from the date of the Notice of Completion.

### FISCAL IMPACT

The project was funded by FY2020-21 General Fund year-end surplus resources and the Highway Users Tax (HUT) Fund. The final accounting of project costs is ongoing and is currently estimated at \$4,400,000 from the General Fund and \$1,400,000 from the HUT Fund. This is within the approved project budget and no additional resources are required.

## ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Acceptance of the 2021 General Fund Arterial Resurfacing Project as complete meets the above criteria and is not subject to CEQA. No additional environmental review is required.

## CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

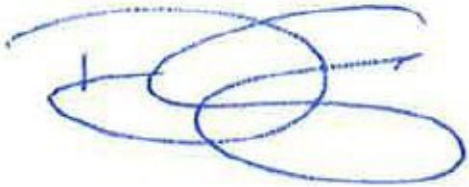
Goal A - Remain fiscally responsible in a changing world

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Joe Arino, Assistant Engineer

Jason Shykowski, Public Works Director



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Dominick Casey, City Manager

## **ATTACHMENTS:**

### **Description**

Resolution 23-328

NOC

Location Map

RESOLUTION NO. 23-328

ACCEPTING THE PUBLIC WORK KNOWN AS THE 2021 GENERAL FUND ARTERIAL RESURFACING PROJECT, APPROVING THE “NOTICE OF COMPLETION”, AND AUTHORIZING THE PUBLIC WORKS DIRECTOR TO EXECUTE SAID NOTICE ON BEHALF OF THE CITY OF ROSEVILLE

BE IT RESOLVED by the City Council of the City of Roseville as follows:

1. The “Notice of Completion” on file in the City Clerk’s Department relative to that public work known as the 2021 General Fund Arterial Resurfacing Project, has been approved and the public work accepted.
2. The Public Works Director is hereby authorized and directed to execute said Notice on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, by the following vote on roll call:

AYES            COUNCILMEMBERS:

NOES            COUNCILMEMBERS:

ABSENT        COUNCILMEMBERS:

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
City Clerk

RECORDING REQUESTED BY AND WHEN  
RECORDED MAIL TO:

CITY CLERK  
CITY OF ROSEVILLE  
311 VERNON STREET  
ROSEVILLE, CA 95678

Exempt from recording fees  
Pursuant to Gov't Code §27383

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**NOTICE OF COMPLETION**

NOTICE IS HEREBY GIVEN that the public work of improvement known as the  
2021 General Fund Arterial Resurfacing Project was completed and  
accepted by the City of Roseville on June 30, 2023. The location is  
situated in the City of Roseville, County of Placer, State of California and is indicated on the  
attached map, marked as Exhibit "A" and incorporated herein by this reference. The real  
property herein described is owned by the City of Roseville, 311 Vernon Street, Roseville CA  
95678.

The direct/general contractor on said project was Teichert Construction.

The surety on said project was Liberty Mutual Insurance Company

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Jason Shykowski  
Public Works Director  
City of Roseville  
Owner

ATTEST:

---

Carmen Avalos, City Clerk

State of California     )  
County of Placer        )

I, Jason Shykowski, being first duly sworn, depose and say: I am the Public Works Director of the City of Roseville, a municipal corporation in the State of California, owner of the property described in the above Notice. I am duly authorized to make this verification for and on behalf of the City of Roseville. I have read the Notice of Completion and know its contents and the facts stated therein are true.

\_\_\_\_\_  
Jason Shykowski  
Public Works Director  
City of Roseville

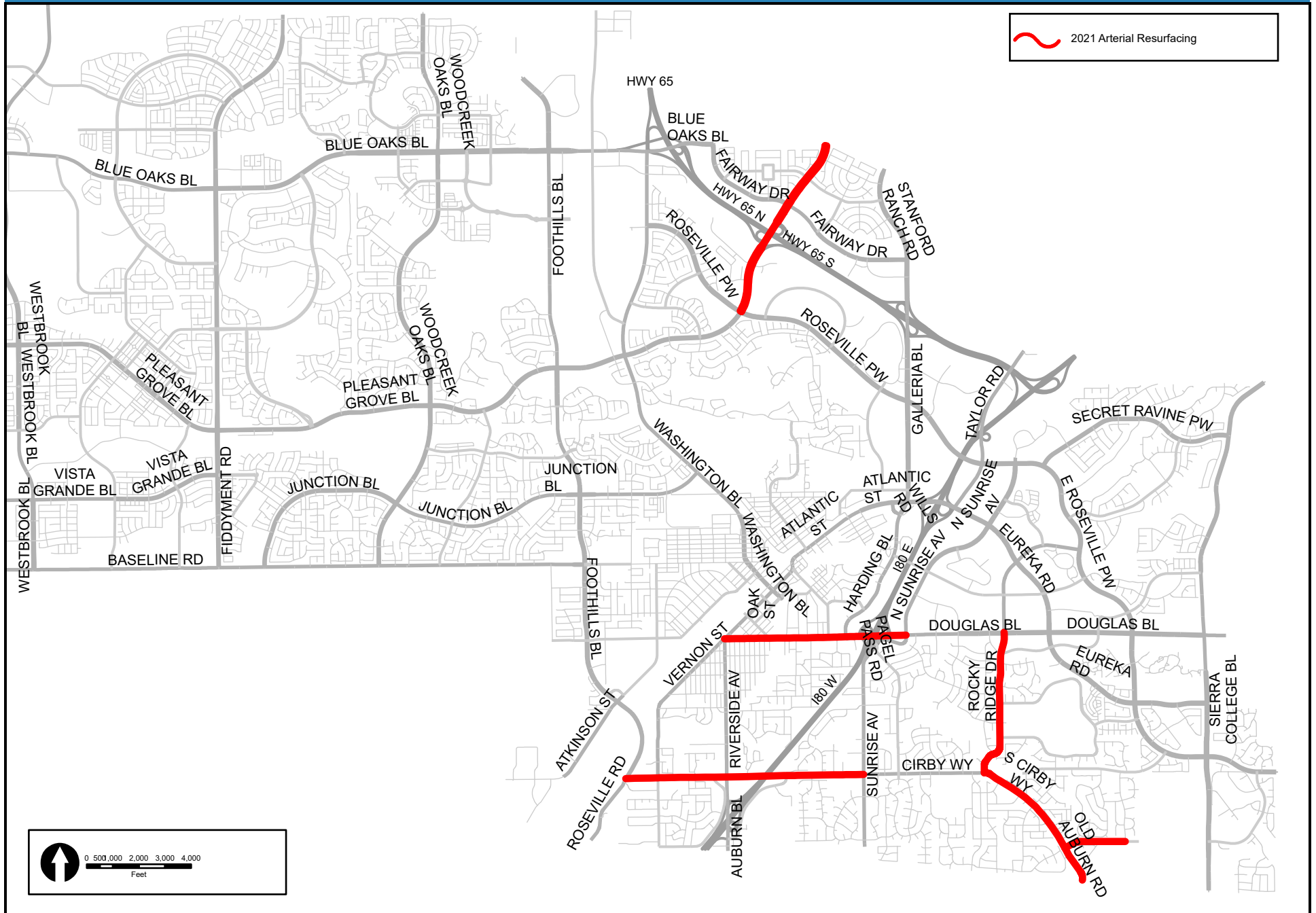
|                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

State of California     )  
County of Placer        )

Subscribed and sworn to (or affirmed) before  
me on this \_\_\_\_ day of \_\_\_\_\_,  
20\_\_\_\_, Jason Shykowski  
proved to me on the basis of satisfactory  
evidence to be the person(s) who appeared  
before me.

*Place Notary Seal and/or Stamp Above*

\_\_\_\_\_  
*Signature of Notary Public*







## COUNCIL COMMUNICATION

**CC #: 2880**

**File #: 0400-09-01**

**Title:** Community Facilities District No. 4 (Public Services), Annexation No. 9 (1028 Main Street Subdivision) - Intention to Annex Territory

**Contact:** Jeannine Thrash 916-774-5473 [jthrash@roseville.ca.us](mailto:jthrash@roseville.ca.us)  
Dennis Kauffman 916-774-5313 [dkauffman@roseville.ca.us](mailto:dkauffman@roseville.ca.us)

**Meeting Date: 8/16/2023**

**Item #: 6.17.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a Resolution of Intention to Annex Territory to Community Facilities District (CFD) No. 4 (Public Services) and to Authorize the Levy of Special Taxes Therein, and set Wednesday, September 20, 2023 at 6:00 p.m., in the Roseville Civic Center, Council Chambers at 311 Vernon Street, Roseville, California, as the time and place to conduct a public hearing.

### BACKGROUND

On March 23, 2023 the Planning Commission approved the developer's request for a Tentative Subdivision Map to subdivide a 2.5-acre parcel into ten (10) single family residential lots. Per the conditions of approval, the subject property shall be annexed into the existing infill CFD No. 4 prior to approval of the Final Parcel Map, for the purpose of covering the costs of the ongoing maintenance obligations. The List of Authorized Services can be found in the attached documents. Parcels within this subdivision will be assigned the maximum tax rate associated within Tax Zone 2 of the Rate and Method of Apportionment, also attached.

### FISCAL IMPACT

The annexation of property into infill CFD No. 4 will not impact the City's General Fund. The property owners will pay a special tax, sufficient to pay the maintenance costs of the CFD, to be levied annually on the parcels of real property within the CFD.

### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Adoption of the resolution described herein meets the above criteria

and is not subject to CEQA. No additional environmental review is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Jeannine Thrash, Management Analyst

Dennis Kauffman, Assistant City Manager/Chief Financial Officer



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Dominick Casey, City Manager

**ATTACHMENTS:**

**Description**

Resolution 23-344

RMA and List of Authorized Services

Proposed Boundary Map

**RESOLUTION NO. 23-344**

**A RESOLUTION OF INTENTION TO ANNEX TERRITORY TO COMMUNITY  
FACILITIES DISTRICT AND TO AUTHORIZE THE LEVY OF SPECIAL TAXES  
THEREIN**

**CITY OF ROSEVILLE  
Community Facilities District No. 4  
(Public Services)**

**Annexation No. 9 (1028 Main Street Subdivision)**

**RESOLVED** by the City Council (the "Council") of the City of Roseville (the "City"), County of Placer, State of California, that:

**WHEREAS**, this Council has conducted proceedings to establish Community Facilities District No. 4 (Public Services) (the "CFD") pursuant to the Mello-Roos Community Facilities Act of 1982, as amended (the "Act"), Chapter 2.5 of Part 1 of Division 2 of Title 5, commencing at Section 53311, of the California Government Code; and

**WHEREAS**, under the Act, this Council, as the legislative body for the CFD, is empowered with the authority to annex territory to the CFD, and now desires to undertake proceedings to annex territory to the CFD.

**NOW, THEREFORE, IT IS HEREBY ORDERED** as follows:

**1. Findings.** This Council hereby finds and determines that public convenience and necessity require that territory be added to the CFD.

**2. Territory Described.** The name of the existing CFD is "City of Roseville Community Facilities District No. 4 (Public Services)." The territory originally included in the existing CFD is set forth in the map of the CFD heretofore recorded in the Placer County Recorder's Office on May 3, 2005, in Book 3 at Page 50 of Maps of Assessment and Community Facilities Districts, to which map reference is hereby made, as such map has been supplemented in connection with subsequent annexations.

The territory now proposed to be annexed to the CFD is as shown on the Annexation Map for the captioned Annexation No. 9 (1028 Main Street Subdivision) to the CFD, on file with the Clerk, the boundaries of which territory are hereby preliminarily approved and to which map reference is hereby made for further particulars. The City Clerk is hereby directed to cause to be recorded such Annexation Map, showing the territory to be annexed, in the office of the County Recorder of the County of Placer within 15 days of the date of adoption of this resolution.

**3. The Services.** The types of public services financed by the CFD and pursuant to the Act consist of those public services (the "Services") as described in Exhibit A to the Resolution of Formation with respect to the CFD adopted by the Council as Resolution No. 05-227 on May 18, 2005 (the "Resolution of Formation"). It is presently intended that the Services will be

provided, without preference or priority, to the existing territory in the CFD and the territory proposed to be annexed to the CFD.

**4. Special Tax.** Except to the extent that funds are otherwise available to the CFD to pay for the Services, a special tax sufficient to pay the costs thereof is intended to be levied annually within the CFD, and collected in the same manner as ordinary *ad valorem* property taxes.

The special tax proposed to pay for Services to be supplied within the territory proposed to be annexed will be equal to the special taxes levied to pay for the same Services in the CFD, except that a higher or lower tax may be levied within the territory proposed to be annexed or to be annexed in the future to the extent that the actual cost of providing the Services in that territory is higher or lower than the cost of providing those Services in the CFD.

The proposed rate and method of apportionment of the special tax among the parcels of real property within the CFD, as now in existence and following the annexation proposed herein, in sufficient detail to allow each landowner within the territory proposed to be annexed to the CFD to estimate the maximum amount such owner will have to pay, are described in the Resolution of Formation.

**5. Hearing.** Wednesday, September 20, 2023 at 6:00 p.m. or as soon as possible thereafter, in the City Council Chambers, 311 Vernon Street, Roseville, California, be, and the same are hereby appointed and fixed as the time and place when and where this Council, as legislative body for the CFD, will conduct a public hearing on the matters described in this Resolution.

**6. Notice.** The City Clerk is hereby directed to cause notice of said public hearing to be given by publication one time in a newspaper of general circulation in the area of the CFD, including the area to be annexed to the CFD. The publication of said notice shall be completed at least 7 days before the date herein set for said hearing. The City Clerk may also cause a copy of such notice and a copy of this Resolution to be mailed to each landowner within the territory proposed to be annexed, which notice and resolution shall be mailed at least 15 days before the date of said hearing. Such notice shall be substantially in the form specified in Section 53339.4 of the Act, with a summary form specifically authorized.

**7. Effective Date.** This Resolution shall take effect upon its adoption.

\* \* \* \* \*

I hereby certify that the foregoing resolution was duly and regularly adopted by the City Council of the City of Roseville, California, at a regularly scheduled meeting thereof, held on the \_\_\_\_\_ day of \_\_\_\_\_, 2023 by the following vote of the City Council:

AYES: COUNCILMEMBERS  
NOES: COUNCILMEMBERS  
ABSENT: COUNCILMEMBERS  
ABSTAIN: COUNCILMEMBERS

---

Mayor

ATTEST:

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City Clerk of the City of Roseville

**EXHIBIT A**  
**CITY OF ROSEVILLE**  
**COMMUNITY FACILITIES DISTRICT NO. 4**  
**(PUBLIC SERVICES)**

**RATE AND METHOD OF APPORTIONMENT OF SPECIAL TAX**

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A Special Tax applicable to each Assessor's Parcel in Community Facilities District No. 4 (Public Services) [herein "CFD No. 4"] shall be levied and collected according to the tax liability determined by the City Council, acting in its capacity as the legislative body of CFD No. 4, through the application of the appropriate Special Tax rate, as described below. All of the property in CFD No. 4, unless exempted by law or by the provisions of Section E below, shall be taxed for the purposes, to the extent, and in the manner herein provided, including property subsequently annexed to CFD No. 4 unless a separate Rate and Method of Apportionment of Special Tax is adopted for the annexation area.

**A. DEFINITIONS**

The terms hereinafter set forth have the following meanings:

**"Acreage"** or **"Acre"** means the land area making up an Assessor's Parcel as shown on an Assessor's Parcel Map, or if the land area is not shown on an Assessor's Parcel Map, the land area shown on the applicable final subdivision map or other parcel map recorded at the County Recorder's Office.

**"Administrative Expenses"** means the costs incurred by the City to determine, levy and collect the Special Tax, including salaries of City employees and fees of consultants and the costs of collecting installments of the Special Taxes upon the general tax rolls; preparation of required reports, and any other costs required to administer the CFD as determined by the Finance Director.

**"Administrator"** means the person or firm designated by the City to administer the Special Taxes according to this Rate and Method of Apportionment of Special Tax.

**"Annual Tax Escalation Factor"** means an annual increase in the Maximum Special Tax following the Base Year in an amount not to exceed four percent (4%).

**"Assessor's Parcel"** or **"Parcel"** means a lot or parcel shown in an Assessor's Parcel Map with an assigned Assessor's Parcel number.

**"Assessor's Parcel Map"** means an official map of the County Assessor designating parcels by Assessor's Parcel number.

**"Authorized Services"** means the public services authorized to be funded by CFD No. 4 as set forth in the documents adopted by the City Council when the CFD was formed.

**"Base Year"** means Fiscal Year 2005-06.

**"City"** means the City of Roseville.

**"City Council"** means the City Council of the City of Roseville, acting as the legislative body of CFD No. 4.

**“County”** means the County of Placer.

**“Developed Property”** means, in any Fiscal Year, all Parcels of Taxable Property for which a use permit or building permit for new construction of a residential or non-residential structure was issued prior to June 30 of the preceding Fiscal Year.

**“Finance Director”** means the Finance Director for the City of Roseville or his or her designee.

**“Fiscal Year”** means the period starting on July 1 and ending on the following June 30.

**“Land Use Class”** means, for a particular Parcel, Non-Residential Property, Multi-Family Property, Single Family Detached Property, or Single Family Attached Property.

**“Maximum Special Tax”** means the maximum Special Tax determined in accordance with Section C below that can be levied on Taxable Property in any Fiscal Year.

**“Multi-Family Property”** means any Parcel of Developed Property for which a building permit or use permit has been issued for construction of a residential structure with Units that are offered for rent to the general public.

**“Non-Residential Property”** means any Parcel of Developed Property within CFD No. 4 that is not Multi-Family Property, Single Family Detached Residential Property, or Single Family Attached Property.

**“Public Property”** means any property within the boundaries of CFD No. 4 that is owned by the federal government, State of California, County, City, or other public agency.

**“Single Family Attached Property”** means, in any Fiscal Year, all Parcels in CFD No. 4 for which a building permit was issued for construction of a residential structure consisting of two or more Units that share common walls and are offered as for-sale Units, including such residential structures that meet the statutory definition of a condominium contained in Civil Code Section 1351.

**“Single Family Detached Property”** means, in any Fiscal Year, all Parcels in CFD No. 4 for which a building permit was issued for construction of a Unit that does not share a common wall with another Unit.

**“Special Tax Requirement”** means the amount of revenue needed in any Fiscal Year to pay for the following: (i) Authorized services, maintenance expenses, sinking fund payments and capital reserves authorized to be funded by CFD No. 4, (ii) Administrative Expenses, (iii) amounts needed to cure any delinquencies in the payment of Special Taxes which have occurred or (based on delinquency rates in prior years) may be expected to occur in the Fiscal Year in which the tax will be collected.

**“Special Tax”** means any tax levied pursuant to the Act on property within CFD No. 4.

**“Taxable Property”** means all Assessor’s Parcels within the boundaries of CFD No. 4 which are not exempt from the Special Tax pursuant to law or Section F below.

**“Taxable Public Property”** means, in any Fiscal Year, all Assessor’s Parcels in CFD No. 4 that had, in prior Fiscal Years, been taxed as Developed Property and subsequently came under the ownership of a Public Agency.

**“Tax Zone”** means one of the twenty-eight (28) mutually exclusive tax zones identified in Attachment 1 of this Rate and Method of Apportionment of Special Tax, as may be updated to include new Parcels added to the CFD as a result of future annexations (which may be noncontiguous with Parcels already in the Tax Zone).

**“Unit”** means an individual single-family detached unit or an individual residential unit within a duplex, triplex, fourplex, townhome, condominium, or apartment structure.

**“Undeveloped Property”** means all Parcels of Taxable Property within the boundaries of CFD No. 4 that are not Developed Property, as determined by the Administrator.

**B. DATA COLLECTION FOR ANNUAL TAX LEVY**

Each Fiscal Year, the Administrator shall identify the current Assessor’s Parcel number for all Parcels of Taxable Property within CFD No. 4 and shall determine within which Tax Zone each Assessor’s Parcel is located. Upon each annexation of property into CFD No. 4, the Administrator shall update Attachment 1 to include the new Assessor’s Parcel number(s).

Based on review of building permit records for property within the CFD, each Parcel shall be categorized as either Developed Property or Undeveloped Property for purposes of levying the Special Tax pursuant to Section E below. For Single Family Attached Property or Multi-Family Property, the number of Units shall be determined by referencing the condominium plan, apartment plan, site plan or other development plan for the property.

If a Parcel in the CFD is rezoned prior to such Parcel becoming Developed Property, the City may in its sole discretion, move the Parcel to a different Tax Zone based on the new Land Use Class that can be developed on the Parcel after the rezone. If a Parcel rezones after the Parcel has been taxed as Developed Property in prior Fiscal Years, the City can either continue to apply the Maximum Special Tax to the Parcel that had applied prior to the rezone or, in the City’s sole discretion, allow for the Parcel to be moved to a different Tax Zone based on the Land Use Class that will be allowed after the rezone is approved.

**C. MAXIMUM SPECIAL TAX**

The following Maximum Special Tax rates apply to all Parcels of Developed Property within CFD No. 4:

**MAXIMUM SPECIAL TAX RATES  
(FISCAL YEAR 2005-06, REVISED 2006-07) \***

| <b>Tax Zone</b> | <b>Maximum Special Tax<br/>(Fiscal Year 2005-06) *</b> |
|-----------------|--------------------------------------------------------|
| 1               | \$ 50 per Unit                                         |
| 2               | \$ 75 per Unit                                         |
| 3               | \$ 100 per Unit                                        |
| 4               | \$ 125 per Unit                                        |
| 5               | \$ 150 per Unit                                        |
| 6               | \$ 175 per Unit                                        |
| 7               | \$ 200 per Unit                                        |
| 8               | \$ 225 per Unit                                        |
| 9               | \$ 250 per Unit                                        |
| 10              | \$ 275 per Unit                                        |



|    |                   |
|----|-------------------|
| 11 | \$ 300 per Unit   |
| 12 | \$ 350 per Unit   |
| 13 | \$ 375 per Unit   |
| 14 | \$ 250 per Acre   |
| 15 | \$ 350 per Acre   |
| 16 | \$ 475 per Acre   |
| 17 | \$ 600 per Acre   |
| 18 | \$ 750 per Acre   |
| 19 | \$ 850 per Acre   |
| 20 | \$ 1,000 per Acre |
| 21 | \$ 1,050 per Acre |
| 22 | \$ 1,500 per Acre |
| 23 | \$ 2,000 per Acre |
| 24 | \$ 2,500 per Acre |
| 25 | \$ 3,000 per Acre |
| 26 | \$ 3,500 per Acre |
| 27 | \$ 4,000 per Acre |
| 28 | \$ 4,500 per Acre |
| 29 | \$ 5,000 per Acre |
| 30 | \$ 5,500 per Acre |
| 31 | \$ 6,000 per Acre |

*\* Beginning July 1, 2006 and each July 1 thereafter, all of the Maximum Special Taxes shown in Table 1 above shall be adjusted by applying the Annual Tax Escalation Factor.*

#### **D. METHOD OF LEVY AND COLLECTION OF SPECIAL TAX**

Each Fiscal Year, the Special Tax shall be levied as follows until the amount of the levy equals the Special Tax Requirement for that Fiscal Year:

**First:** The Special Tax shall be levied Proportionately on each Parcel of Developed Property up to 100% of the Maximum Special Tax determined for each category of Developed Property within each Tax Zone until the amount levied is equal to the Special Tax Requirement for the Fiscal Year.

**Second:** If additional revenue is needed after the first step has been completed, the Special Tax shall be levied Proportionately on each Parcel of Taxable Public Property up to 100% of the Maximum Special Tax that had applied to the Parcel prior to the Parcel becoming Public Property until the amount levied is equal to the Special Tax Requirement for the Fiscal Year.

The Special Tax for CFD No. 4 shall be collected at the same time and in the same manner as ordinary ad valorem property taxes provided, however, that the City may (under the authority

of Government Code Section 53340) collect Special Taxes at a different time or in a different manner if necessary to meet CFD No. 4 financial obligations and the Special Tax shall be equally subject to foreclosure if delinquent.

**E.     LIMITATIONS**

Notwithstanding any other provision of this Rate and Method of Apportionment of Special Tax, no Special Tax shall be levied on Public Property that is not Taxable Public Property.

**F.     INTERPRETATION OF SPECIAL TAX FORMULA**

The City reserves the right to make minor administrative and technical changes to this document that does not materially affect the rate and method of apportioning the Special Taxes. In addition, the interpretation and application of any section of this document shall be left to the City's discretion. Interpretations may be made by the City by ordinance or resolution for purposes of clarifying any vagueness or ambiguity in this Rate and Method of Apportionment of Special Tax.

**ATTACHMENT 1**  
**MAXIMUM SPECIAL TAX RATES**  
**(FISCAL YEAR 2005-06, REVISED 2006-07) \***  
**IDENTIFICATION OF TAX ZONES**

| <b>Tax Zone</b> | <b>Maximum Special Tax<br/>(Fiscal Year 2005-06) *</b> |
|-----------------|--------------------------------------------------------|
| 1               |                                                        |
| 2               |                                                        |
| 3               |                                                        |
| 4               |                                                        |
| 5               |                                                        |
| 6               |                                                        |
| 7               |                                                        |
| 8               |                                                        |
| 9               |                                                        |
| 10              |                                                        |
| 11              |                                                        |
| 12              |                                                        |
| 13              |                                                        |
| 14              |                                                        |
| 15              |                                                        |
| 16              | 017-250-005 (017-117-007,011,014) 71 ac                |
| 17              |                                                        |
| 18              |                                                        |
| 19              |                                                        |
| 20              |                                                        |
| 21              |                                                        |
| 22              |                                                        |
| 23              |                                                        |
| 24              |                                                        |
| 25              |                                                        |
| 26              |                                                        |
| 27              |                                                        |
| 28              |                                                        |
| 29              |                                                        |
| 30              |                                                        |
| 31              |                                                        |

***The property identified by the APNs listed above shall remain part of the identified Tax Zone regardless of changes in the configuration of the Assessor's Parcels or changes to Assessor's Parcel numbers in future Fiscal Years.***

**ATTACHMENT 2**  
**MAXIMUM SPECIAL TAX RATES**  
**IDENTIFICATION OF TAX ZONES**  
**ANNEXATION No. 5 (OLD AUBURN RANCH)**

| <b>Tax Zone</b> | <b>Assessor's Parcels<br/>Included in Tax<br/>Zone*</b> | <b>Proposed<br/>Units</b> | <b>Fiscal Year in<br/>Which APN was<br/>Added to CFD No. 4</b> |
|-----------------|---------------------------------------------------------|---------------------------|----------------------------------------------------------------|
| 1               |                                                         |                           |                                                                |
| 2               |                                                         |                           |                                                                |
| 3               |                                                         |                           |                                                                |
| 4               |                                                         |                           |                                                                |
| 5               |                                                         |                           |                                                                |
| 6               |                                                         |                           |                                                                |
| 7               | 467-090-002-000                                         | 32                        | 2015/16                                                        |
| 8               |                                                         |                           |                                                                |
| 9               |                                                         |                           |                                                                |
| 10              |                                                         |                           |                                                                |
| 11              |                                                         |                           |                                                                |
| 12              |                                                         |                           |                                                                |
| 13              |                                                         |                           |                                                                |
| 14              |                                                         |                           |                                                                |
| 15              |                                                         |                           |                                                                |
| 16              |                                                         |                           |                                                                |
| 17              |                                                         |                           |                                                                |
| 18              |                                                         |                           |                                                                |
| 19              |                                                         |                           |                                                                |
| 20              |                                                         |                           |                                                                |
| 21              |                                                         |                           |                                                                |
| 22              |                                                         |                           |                                                                |
| 23              |                                                         |                           |                                                                |
| 24              |                                                         |                           |                                                                |
| 25              |                                                         |                           |                                                                |
| 26              |                                                         |                           |                                                                |
| 27              |                                                         |                           |                                                                |
| 28              |                                                         |                           |                                                                |
| 29              |                                                         |                           |                                                                |
| 30              |                                                         |                           |                                                                |
| 31              |                                                         |                           |                                                                |

***The property identified by the APNs listed above shall remain part of the identified Tax Zone regardless of changes in the configuration of the Assessor's Parcels or changes to Assessor's Parcel numbers in future Fiscal Years.***

**ATTACHMENT 3**  
**MAXIMUM SPECIAL TAX RATES**  
**IDENTIFICATION OF TAX ZONES**  
**ANNEXATION NO. 6 (FOOTHILLS AMERICAN DREAM)**

| <b>Tax Zone</b> | <b>Assessor's Parcels<br/>Included in Tax<br/>Zone*</b> | <b>Proposed<br/>Units</b> | <b>Fiscal Year in<br/>Which APN was<br/>Added to CFD No. 4</b> |
|-----------------|---------------------------------------------------------|---------------------------|----------------------------------------------------------------|
| 1               |                                                         |                           |                                                                |
| 2               |                                                         |                           |                                                                |
| 3               |                                                         |                           |                                                                |
| 4               |                                                         |                           |                                                                |
| 5               |                                                         |                           |                                                                |
| 6               |                                                         |                           |                                                                |
| 7               | 475-050-019-000                                         | 62                        | 2016/2017                                                      |
| 8               |                                                         |                           |                                                                |
| 9               |                                                         |                           |                                                                |
| 10              |                                                         |                           |                                                                |
| 11              |                                                         |                           |                                                                |
| 12              |                                                         |                           |                                                                |
| 13              |                                                         |                           |                                                                |
| 14              |                                                         |                           |                                                                |
| 15              |                                                         |                           |                                                                |
| 16              |                                                         |                           |                                                                |
| 17              |                                                         |                           |                                                                |
| 18              |                                                         |                           |                                                                |
| 19              |                                                         |                           |                                                                |
| 20              |                                                         |                           |                                                                |
| 21              |                                                         |                           |                                                                |
| 22              |                                                         |                           |                                                                |
| 23              |                                                         |                           |                                                                |
| 24              |                                                         |                           |                                                                |
| 25              |                                                         |                           |                                                                |
| 26              |                                                         |                           |                                                                |
| 27              |                                                         |                           |                                                                |
| 28              |                                                         |                           |                                                                |
| 29              |                                                         |                           |                                                                |
| 30              |                                                         |                           |                                                                |
| 31              |                                                         |                           |                                                                |

***The property identified by the APNs listed above shall remain part of the identified Tax Zone regardless of changes in the configuration of the Assessor's Parcels or changes to Assessor's Parcel numbers in future Fiscal Years.***

**ATTACHMENT 4**  
**MAXIMUM SPECIAL TAX RATES**  
**IDENTIFICATION OF TAX ZONES**  
**ANNEXATION NO. 7 (THE VILLAGES AT KIT CARSON)**

| <b>Tax Zone</b> | <b>Assessor's Parcels<br/>Included in Tax<br/>Zone*</b>                                         | <b>Proposed<br/>Units</b> | <b>Fiscal Year in<br/>Which APN was<br/>Added to CFD No. 4</b> |
|-----------------|-------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------------|
| 1               |                                                                                                 |                           |                                                                |
| 2               |                                                                                                 |                           |                                                                |
| 3               |                                                                                                 |                           |                                                                |
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| 11              |                                                                                                 |                           |                                                                |
| 12              |                                                                                                 |                           |                                                                |
| 13              | 048-350-015-000;<br>048-350-016-000;<br>048-350-018-000;<br>048-350-021-000;<br>048-350-022-000 | 21                        | 2019/20                                                        |
| 14              |                                                                                                 |                           |                                                                |
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*The property identified by the APNs listed above shall remain part of the identified Tax Zone regardless of changes in the configuration of the Assessor's Parcels or changes to Assessor's Parcel numbers in future Fiscal Years.*

**ATTACHMENT 5**  
**MAXIMUM SPECIAL TAX RATES**  
**IDENTIFICATION OF TAX ZONES**  
**ANNEXATION NO. 8 (415 EAST STREET SUBDIVISION)**

| <b>Tax Zone</b> | <b>Assessor's Parcels<br/>Included in Tax<br/>Zone*</b> | <b>Proposed<br/>Units</b> | <b>Fiscal Year in<br/>Which APN was<br/>Added to CFD No. 4</b> |
|-----------------|---------------------------------------------------------|---------------------------|----------------------------------------------------------------|
| 1               |                                                         |                           |                                                                |
| 2               |                                                         |                           |                                                                |
| 3               |                                                         |                           |                                                                |
| 4               | 013-030-009-000                                         | 10                        | 2020/21                                                        |
| 5               |                                                         |                           |                                                                |
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***The property identified by the APNs listed above shall remain part of the identified Tax Zone regardless of changes in the configuration of the Assessor's Parcels or changes to Assessor's Parcel numbers in future Fiscal Years.***

**ATTACHMENT 6**  
**MAXIMUM SPECIAL TAX RATES**  
**IDENTIFICATION OF TAX ZONES**  
**ANNEXATION NO. 9 (1028 MAIN STREET SUBDIVISION)**

| <b>Tax Zone</b> | <b>Assessor's Parcels<br/>Included in Tax<br/>Zone*</b> | <b>Proposed<br/>Units</b> | <b>Fiscal Year in<br/>Which APN was<br/>Added to CFD No. 4</b> |
|-----------------|---------------------------------------------------------|---------------------------|----------------------------------------------------------------|
| 1               |                                                         |                           |                                                                |
| 2               | 015-080-030-000                                         | 10                        | 2023/24                                                        |
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***The property identified by the APNs listed above shall remain part of the identified Tax Zone regardless of changes in the configuration of the Assessor's Parcels or changes to Assessor's Parcel numbers in future Fiscal Years.***



## **EXHIBIT B**

### **CITY OF ROSEVILLE**

### **COMMUNITY FACILITIES DISTRICT NO. 4 (Services District)**

#### **LIST OF AUTHORIZED SERVICES**

---

The Maintenance Obligations to be financed, in whole or in part, by this CFO shall consist of the following:

1. Maintenance of the landscape corridors and paseos designed to serve the project areas within the CFO, including but not limited to, soundwalls, trees, bus shelters, autumn leaf cleanup and street sweeping, landscaping, the City and neighborhood entry features and the landscape median;
2. Maintenance of all public pedestrian or bicycle pathways;
3. Maintenance of the Open Space Buffer Areas, Park Preserve areas and any lots that will be conveyed to the City, with such maintenance to include fire breaks and fire safety measures;
4. Maintenance of landscaping, and irrigation, for neighborhood park improvements, maintenance, and repair and replacement;
5. Maintenance of any sound attenuation wall, berm, and related on-site sound attenuation improvements constructed as part of the CFO;
6. Maintenance of storm drainage, stormwater management and drainage system facilities; and
7. Performance and management of any environmental mitigation monitoring, including the annual review thereof.

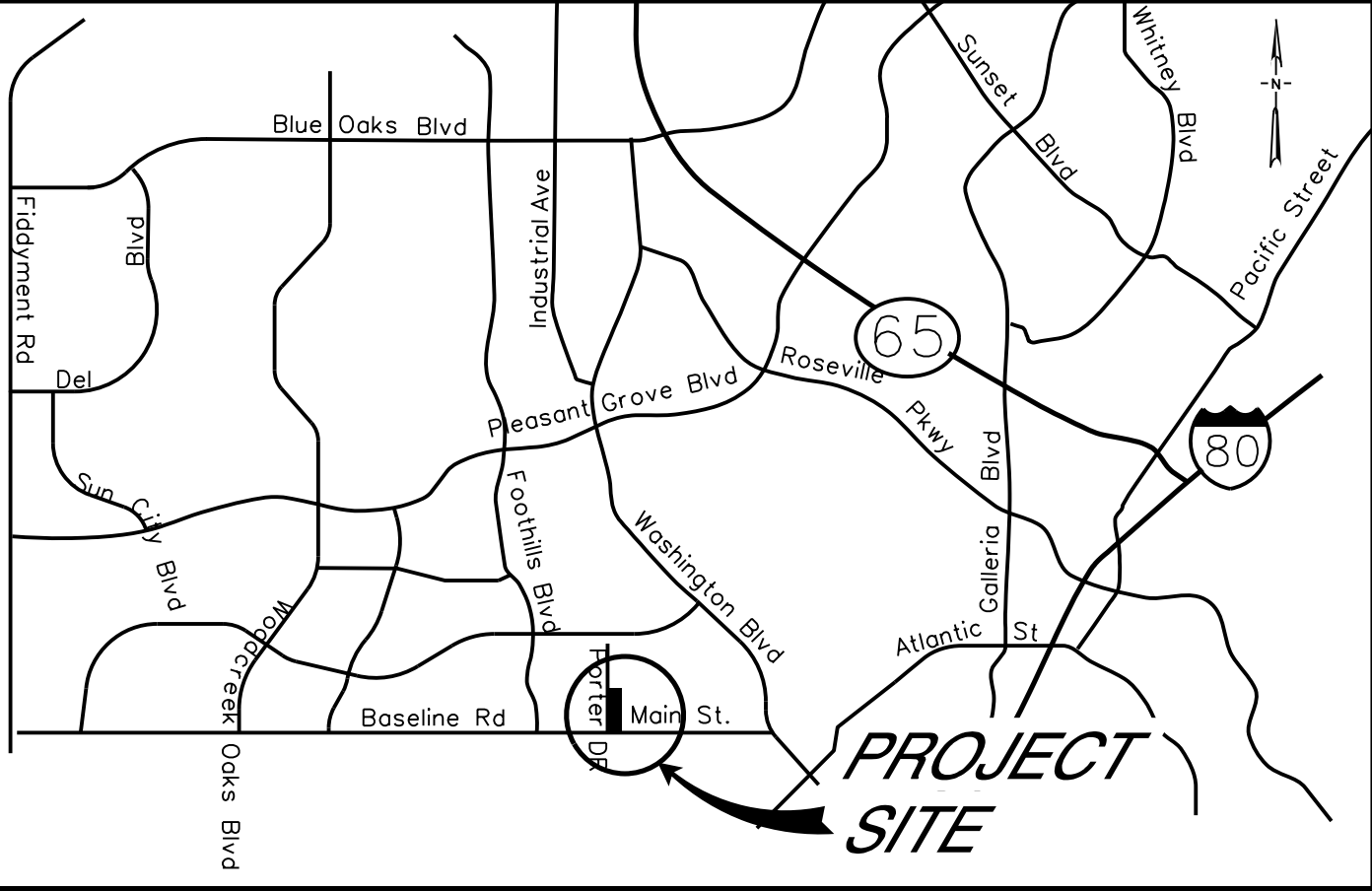
Other authorized services

include: General City Costs

- City and County costs associated with the setting, levy, and collection of the Special Taxes.

## Sinking Funds

The Special Taxes may be collected and set-aside in designated sinking funds to be used by the City to fund miscellaneous costs related to any of the items described above as well as vandalism repair and future repairs to and replacement of landscaping, entry monuments and features, walls and fences, and other improvements the maintenance of which is funded by CFO No. 4.



VICINITY MAP  
NOT TO SCALE

I HEREBY CERTIFY THAT THE WITHIN MAP SHOWING PROPOSED BOUNDARIES OF ANNEXATION MAP # 9 OF COMMUNITY FACILITIES DISTRICT NO. 4 (PUBLIC SERVICES) CITY OF ROSEVILLE, COUNTY OF PLACER, STATE OF CALIFORNIA, "1028 MAIN STREET SUBDIVISION" WAS APPROVED BY THE CITY COUNCIL OF THE CITY OF ROSEVILLE AT A REGULAR MEETING THEREOF, HELD ON THE \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_, BY ITS RESOLUTION NUMBER \_\_\_\_\_.

CARMEN AVALOS, CITY CLERK

FILED THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_, AT THE HOUR OF \_\_\_\_ O'CLOCK \_\_.M., IN BOOK \_\_\_\_ OF MAPS OF ASSESSMENT AND COMMUNITY FACILITIES DISTRICTS AT PAGE \_\_\_\_ IN THE OFFICE OF THE COUNTY RECORDER IN THE COUNTY OF PLACER, STATE OF CALIFORNIA.

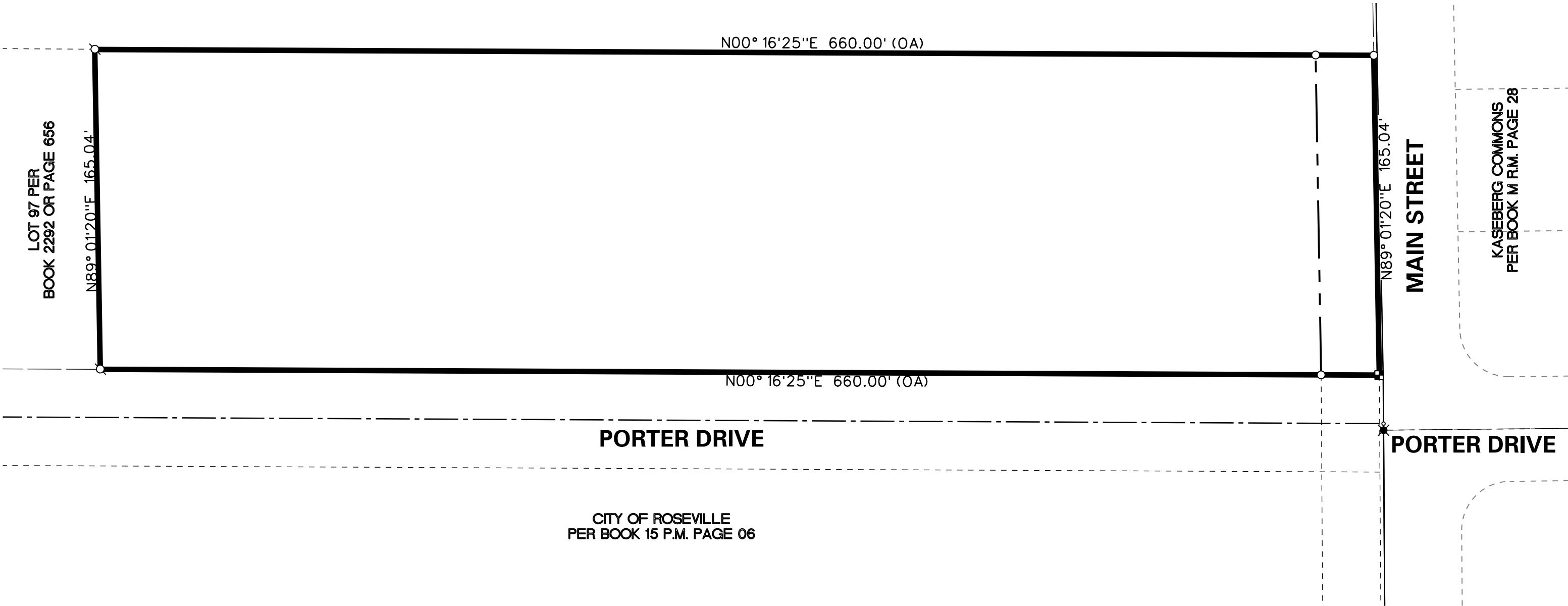
DOCUMENT NO. \_\_\_\_\_

FEE: \_\_\_\_\_

COUNTY RECORDER  
COUNTY OF PLACER

FILED IN THE OFFICE OF THE CITY CLERK OF THE CITY OF ROSEVILLE, PLACER COUNTY CALIFORNIA, ON THIS \_\_\_\_ DAY OF \_\_\_\_\_, 20\_\_\_\_.

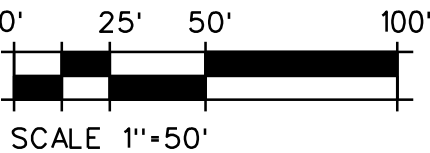
CARMEN AVALOS, CITY CLERK



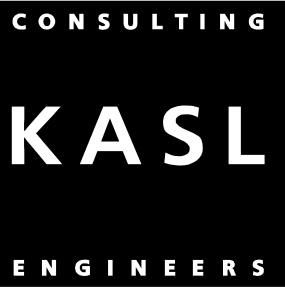
PORTER DRIVE

PORTER DRIVE

CITY OF ROSEVILLE  
PER BOOK 15 P.M. PAGE 06



REFERENCE IS HERBY MADE TO THAT CERTAIN MAP FILED ON MAY 3, 2005 IN BOOK 3 OF MAPS OF COMMUNITY FACILITIES DISTRICT AT PAGE 50, IN THE OFFICE OF THE PLACER COUNTY RECORDER, STATE OF CALIFORNIA, WHICH THIS ANNEXATION AFFECTS.





## COUNCIL COMMUNICATION

**CC #: 2865**  
**File #: 0800-03**

**Title:** Utility Self Service Web Portal and Mobile App - Professional Services Agreement  
**Contact:** Andrea Blomquist 916-774-5317 ablomquist@roseville.ca.us

**Meeting Date: 8/16/2023**  
**Item #: 6.18.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution approving a professional services agreement with E Source Companies, LLC for consulting services, and authorize the City Manager to execute it on behalf of the City of Roseville.

### BACKGROUND

As part of the Utility Billing - Customer Self-Service Web Portal and Mobile App Project, consulting services are needed to assist with the requirements and selection process for the procurement of a replacement customer self-service portal. A Request for Proposals (RFP) was issued in January 2023. In April 2023, eight respondents replied to the RFP. A committee of eleven (11) participated in the selection process.

Based on a review of the proposals, experience, customer service, tools and price, E Source Companies, LLC ("E Source") was selected as the vendor of choice. E Source has a trademarked approach to requirements and selection processes for various solutions including self-service customer portals. E Source has a proven track record of successful projects and consulting services and will bring resources and expertise to assist the City in selecting a new portal.

The City's current customer self-service portal for utility services provides bill presentation, self-service options, payments and a variety of data options for our utility customers. The portal is used by nearly 75% of our customers on a monthly basis and is key in paperless billing functions, auto-pay, utility data access, and customer self-service functions.

The City implemented the current version of our portal in November 2016. Recently, our current vendor indicated their product has reached the end-of-life and will no longer be supported. As a result, the City needs a new software and self-service portal vendor. Over the past several years, portal vendors have continued to invest in research and product development, and the latest versions of self-service portals contain numerous enhancements to the customer experience, functionality, and data presentation. The selection of a new self-service portal will improve our

customer experience and provide access to energy usage data, analytics, and efficiency information.

### FISCAL IMPACT

The total cost of this agreement is \$225,050 and is budgeted in the Utility Billing - Customer Self-Service Web Portal and Mobile App Project in the Electric, Water Rehabilitation, Waste Services Rehabilitation and Wastewater Rehabilitation funds. The recommendation has no impact to the General Fund.

### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) only applies to projects which have the potential to cause a significant effect on the environment. Where it can be seen with certainty that there is no possibility that the activity in question may have a significant effect on the environment, the activity is not subject to CEQA. (CEQA Guidelines §15061(b)(3)).

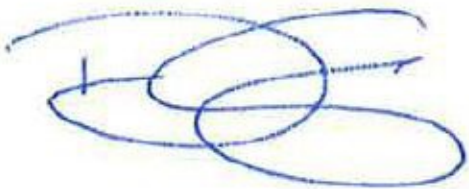
### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Deliver exceptional city services and invest in well-planned infrastructure and growth.

Respectfully Submitted,

Andrea Blomquist, Utility Billing Operations Manager

Daniel Beans, Electric Utility Director



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Dominick Casey, City Manager

### **ATTACHMENTS:**

#### **Description**

Resolution 23-335

Agreement

RESOLUTION NO. 23-335

APPROVING A PROFESSIONAL SERVICES AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND E SOURCE COMPANIES, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a professional services agreement for consulting services for the assessment and procurement of Utility Self Service Web Portal and Mobile App, by and between the City of Roseville and E Source Companies, LLC, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said professional services agreement is hereby approved and that the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_, 2023, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
City Clerk

## PROFESSIONAL SERVICES AGREEMENT

Consulting Services for the Assessment and Procurement of Utility Customer Self Service Web Portal and Mobile App

THIS AGREEMENT is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 20\_\_,  
by and between the City of Roseville, a municipal corporation ("CITY"), and E Source  
Companies, LLC, a Delaware limited liability company ("CONSULTANT"); and

### W I T N E S S E T H:

WHEREAS, CITY desires professional services consisting of consulting services for the  
assessment and procurement of Utility Customer Self Service Web Portal and Mobile App; and

WHEREAS, CONSULTANT has prepared a proposal in response to RFP No. 07-089,  
dated April 11, 2023, which describes the scope of work to be performed by CONSULTANT,  
the budget for the work, and the schedule for performance of the work; and

WHEREAS, CONSULTANT is qualified and experienced to provide such professional  
services.

NOW, THEREFORE, the parties agree as follows:

1. Services. CONSULTANT shall perform, at the direction of CITY, the scope of  
services as described in EXHIBIT "A," attached hereto and incorporated herein by this  
reference.

2. Compensation. For its services provided hereunder, CONSULTANT shall be  
compensated in accordance with the budget estimated as described in EXHIBIT "B", attached

hereto and incorporated herein by this reference. Total compensation shall not exceed the "Total Fixed Fee" of two hundred twenty-five thousand and fifty dollars (\$225,050).

CONSULTANT shall submit invoices for its services, which shall be delineated by milestone. CITY shall pay invoices within thirty (30) days after receipt, if the milestones specified in the invoice have been satisfactorily completed.

3. Indemnification. To the fullest extent allowed by law, CONSULTANT shall defend, indemnify, and save and hold harmless CITY, its officers, agents, employees and volunteers from any claims, suits or actions of every name, kind and description brought forth, or on account of, injuries to or death of any person (including but not limited to workers and the public), or damage to property, resulting from or arising out of CONSULTANT's willful misconduct or negligent act or omission while engaged in the performance of obligations or exercise of rights created by this Agreement, except those matters arising from CITY's sole negligence or willful misconduct. The parties intend that this provision shall be broadly construed.

CONSULTANT agrees to defend and indemnify CITY if, despite the parties intent and practice, any venue, agency, or court with competent jurisdiction determines that CONSULTANT and/or any of its agents, officers, employees, volunteers, independent contractors, or subcontractors, are characterized as employee(s) of CITY.

CONSULTANT's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by



law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

4. Insurance. CONSULTANT agrees to continuously maintain, in full force and effect, the following minimum policies of insurance during the term of this Agreement.

| <u>COVERAGE</u>                               | <u>LIMITS OF LIABILITY</u>                                                                                                       |
|-----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| Workers' Compensation                         | Statutory                                                                                                                        |
| Commercial General Liability                  | \$1,000,000 each occurrence<br>\$2,000,000 aggregate<br>Personal Injury:<br>\$1,000,000 each occurrence<br>\$2,000,000 aggregate |
| Automobile Liability                          | \$1,000,000 combined single limit                                                                                                |
| Professional Liability (errors and omissions) | \$1,000,000 per claim<br>\$2,000,000 aggregate                                                                                   |

a. Form. CONSULTANT shall submit a certificate evidencing such coverage for the period covered by this Agreement in a form satisfactory to Risk Management and the City Attorney, prior to undertaking any work hereunder. Any insurance written on a claims made basis is subject to the approval of Risk Management and the City Attorney.

b. Additional Insureds. CONSULTANT shall also provide a separate endorsement form or section of the policy showing CITY, its officers, agents, employees and volunteers as additional insureds for each type of coverage, except for Workers' Compensation and Professional Liability. Such insurance shall specifically cover the contractual liability of CONSULTANT. The additional insured coverage under the CONSULTANT's policy shall be primary and noncontributory, as evidenced by a separate endorsement or section of the policy, and shall not seek contribution from CITY's insurance or self-insurance. In addition, the

additional insured coverage shall be at least as broad as the Insurance Services Office (“ISO”) CG 20 01 Endorsement. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds.

Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

c. Cancellation/Modification. CONSULTANT shall provide ten (10) days written notice to CITY prior to cancellation or modification of any insurance required by this Agreement.

d. Umbrella/Excess Insurance. The limits of insurance required in this Agreement may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before CITY’s own insurance shall be called upon to protect it as a named insured.

e. Subcontractors. CONSULTANT agrees to include in its contracts with all subcontractors the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor’s work. Furthermore, CONSULTANT shall require its subcontractors to agree to be bound to CONSULTANT and CITY in the same manner and to the same extent as CONSULTANT is bound to CITY under this Agreement. Additionally, CONSULTANT shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of CITY’s indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request.

f. Self-Insured Retentions. All self-insured retentions (“SIR”) must be disclosed to Risk Management for approval and shall not reduce the limits of liability. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

g. Waiver of Subrogation. CONSULTANT hereby agrees to waive subrogation which any insurer of CONSULTANT may acquire from CONSULTANT by virtue of the payment of any loss under a Workers Compensation, Commercial General Liability or Automobile Liability policy. All Workers Compensation, Commercial General Liability and Automobile Liability policies shall be endorsed with a waiver of subrogation in favor of CITY, its officers, agents, employees and volunteers for all work performed by CONSULTANT, its employees, agents and subcontractors.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve CONSULTANT of liability in excess of such coverage, nor shall it preclude CITY from taking such other actions as are available to it under any other provisions of this Agreement or law.

5. Records. CONSULTANT and its subcontractors shall maintain all files and records relating to the services performed hereunder during the term of this Agreement and for a period of not less than one (1) year after the date of termination or expiration. Provided, however, that in the event of litigation or settlement of claims arising from the performance of this Agreement, CONSULTANT and its subcontractors shall maintain all files and records until such litigation, appeals or claims are resolved. Duly authorized representatives of CITY shall

have right of access during normal business hours and after reasonable notice to CONSULTANT's and subcontractors' files and records relating to the services performed hereunder, and may review and copy the files and records at appropriate stages during performance of the services and during the one (1) year period following termination or expiration of this Agreement. CONSULTANT shall include this provisions in its contracts with all subcontractors.

6. Time is of the Essence. Time is of the essence of this Agreement.

7. Prevailing Wages. When applicable, for purposes of this Agreement, CONSULTANT and its subcontractors shall comply with all applicable prevailing wage laws, e.g., but not limited to, California Labor Code Sections 1770 et seq. In accordance with said Section 1775, CONSULTANT shall forfeit as a penalty to the City two hundred dollars (\$200) for each calendar day or portion thereof for each worker paid less than the prevailing rates for such work or craft in which such worker is employed for any work done on-site under the Agreement by CONSULTANT or by any subcontractor in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to said Section 1775, the difference between such stipulated prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage shall be paid to each worker by CONSULTANT or the applicable subcontractor.

Pursuant to the provisions of California Labor Code Section 1773, the contracting department has identified the source, stated below, of the general prevailing rate of wages applicable to the site to be done, for straight time, overtime, and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining

agreement of the particular craft, classification or type of worker concerned. These wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: <http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>.

Pursuant to Labor Code Section 1773.2, general prevailing wage rates set forth above, which forms a part of this Agreement, shall be posted by CONSULTANT at a prominent place at the work site. Prevailing wage rates to be posted at the work site will be furnished by the contracting department. The possibility of wage increases is one of the elements to be considered by CONSULTANT in determining its proposal, and will not under any circumstances be considered as the basis of a claim against CITY or the Agreement.

8. Compliance with Laws. CONSULTANT shall comply with all federal, state and local laws, ordinances and policies as may be applicable to the performance of services under this Agreement.

9. Ability to Perform. CONSULTANT agrees and represents that it has the time, ability and professional expertise to perform the services required under this Agreement.

10. Governing Agreement. In the event of any conflict between this Agreement and its EXHIBITS, the provisions of this Agreement shall govern. In the event of any conflict between any of the EXHIBITS, the provisions of the first in order of attachment shall govern.

11. Assignment. CONSULTANT is employed to perform unique personal services. CONSULTANT shall not assign this Agreement without the prior written consent of CITY. CONSULTANT shall not employ or otherwise incur any obligation to pay other specialists or experts for services in connection with this Agreement, without prior written consent of CITY.

12. Independent Contractor. CONSULTANT, inclusive of its agents, officers, employees, volunteers, independent contractors, and subcontractors, shall act as an independent

contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

CONSULTANT and CITY agree that: (a) CONSULTANT is free from the control and direction of CITY in connection with the performance of the work; (b) CONSULTANT is providing services directly to CITY; (c) CONSULTANT has and will maintain at all relevant times a business license; (d) CONSULTANT maintains a business location that is separate from CITY; (e) CONSULTANT is customarily engaged in an independently established business of the same nature as that involved in the work performed hereunder; (f) CONSULTANT actually contracts with other businesses to provide the same or similar services and maintains a clientele without restrictions from CITY; (g) CONSULTANT advertises and holds itself out to the public as available to provide the same or similar services; (h) CONSULTANT provides its own tools, vehicles, and equipment to perform the services; (i) CONSULTANT has negotiated its own rates; (j) CONSULTANT set its own hours and location of work in accomplishing CITY's on-call needs; and (k) CONSULTANT has the right to control the manner and means of accomplishing the result desired and exercises its own expert independent judgement.

13. Representations and Warranties. CONSULTANT warrants that it has not employed or retained any company or person, other than a bona fide employee working for CONSULTANT, to solicit or secure this Agreement, and that it has not paid or agreed to pay any company or person, other than a bona fide employee, any fee, commission, percentage, brokerage fee, gift or any other consideration, contingent upon or resulting from the award or making of this Agreement. For breach or violation of this warranty, CITY shall have the right to terminate as void this Agreement, without liability, or, in its discretion, to deduct from the

Agreement price or consideration, or otherwise recover, the full amount of such fee, commission, percentage, brokerage fee, gift or contingent fee.

14. Successors in Interest. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

15. Copyright, Ownership and Use of Materials. All tangible material ("Material") created or delivered pursuant to this Agreement is considered a work made for hire under the Copyright Act. To the extent such Material does not qualify as a work made for hire, CONSULTANT hereby assigns to CITY all right, title, and interest, including but not limited to all copyrights, in all Material created by CONSULTANT in its performance under this Agreement. Material constitutes the scope of work outlined in Exhibit A and attached hereto, and all written and other tangible expressions, including but not limited to, drawings (including computer aided drawings), papers, documents, reports, surveys, renderings, exhibits, sketches, maps, models, prints, paintings or photographs, in any and all media or formats in which such materials have been created or are maintained. All Material furnished by CONSULTANT is, and shall remain, the property of CITY.

CONSULTANT shall execute any documents necessary to effectuate such assignment. In the event that CONSULTANT uses, employs, designates, or retains any person or entity who is not an employee of CONSULTANT, to perform any work required of it pursuant to this Agreement, CONSULTANT shall require said person or entity to execute an agreement containing the preceding paragraph.

16. Termination of Agreement. The City may terminate this Agreement without cause by giving CONSULTANT ten (10) days advance written notice from the City Manager. CONSULTANT may terminate this Agreement without cause by giving CITY thirty (30) days

advance written notice. In the event of termination through no fault of CONSULTANT, CITY shall compensate CONSULTANT for services performed as of the date of termination, upon the release to CITY of all Material hereunder, in any and all media or formats in which such materials have been created or are maintained. CITY retains the right to receive and use any Material, notwithstanding any termination or any dispute regarding the amount to be paid.

17. Attorney's Fees; Venue; Governing Law. If either party commences any legal action against the other party arising out of this Agreement or the performance hereof, the prevailing party in such action shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

18. Modification. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

19. Severability. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

20. Notices. Any notices to parties required by this Agreement shall be delivered personally or mailed, U.S. first class postage prepaid, addressed as follows:

CITY OF ROSEVILLE

Steve Hancock  
Senior Electric Business Analyst  
2090 Hilltop Circle  
Roseville, CA 95747

CONSULTANT

Kiley Fletcher  
Project Manager  
4711-3 Forest Drive, #374  
Columbia, SC 29206



Either party may amend its address for notice by giving notice to the other party in writing.

21. Integrated Agreement. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. \_\_\_\_\_, adopted by the Council of the City of Roseville on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and CONSULTANT has caused this Agreement to be executed.

CITY OF ROSEVILLE, a  
municipal corporation

E SOURCE COMPANIES, LLC, a  
Delaware limited liability company

BY: \_\_\_\_\_  
DOMINICK CASEY  
City Manager

DocuSigned by:  
BY: Dave Perotti  
its: CEO 8725F0F57A9C4B1...

ATTEST:

and  
DocuSigned by:  
BY: Jonathan Wilcox  
its: Chief Financial officer A0B507BD84BE4D4

BY: \_\_\_\_\_  
CARMEN AVALOS  
City Clerk

APPROVED AS TO FORM:

BY: \_\_\_\_\_  
MICHELLE SHEIDENBERGER  
City Attorney

**[SIGNATURES CONTINUED ON NEXT PAGE]**

APPROVED AS TO SUBSTANCE:

BY:   
Daniel Beans (Jul 19, 2023 15:49 PDT)  
DANIEL BEANS  
Electric Utility Director

  
AB

  
EC

  
SM

## EXHIBIT “A”



1-800-ESOURCE

esource@esource.com

www.esource.com

3020 Carbon Place, Suite 300, Boulder, CO 80301

June 22, 2023

Steve Hancock, Senior Electric Business Analyst

City of Roseville  
Attn: City Clerk Department  
311 Vernon Street  
Roseville, CA 95678

RE: RFP 07-089 - Consulting Services to Assist with the Assessment and Procurement of Utility Customer Self Service Web Portal and Mobile App

Dear Mr. Hancock:

This amended cover letter extends the valid date an additional 90 days and noted below. Also, this confirms the E Source corporate address is 3020 Carbon Place, Suite 300, Boulder, CO 80301. The Columbia, SC office of E Source address is 4711-3, Forest Drive, PMB 374, Columbia, SC 29206.

E Source is pleased to submit to the City of Roseville this proposal for Consulting Services to Assist with the Assessment and Procurement of Utility Customer Self Service Web Portal and Mobile App. Helping utilities with mission critical software evaluation and procurement is a core competence of E Source and we very much appreciate being invited to participate on this important initiative.

Our successful history together: E Source is working with City of Roseville on the deployment of AMI technology across both electric and water services and leading the project management oversight, business transformation expertise, and field installation quality assurance of the meter equipment. In addition, E Source provided our selection consulting, project planning, negotiation of our copyrighted NavigateOne™ Statement of Work, and implementation leadership for the City of Roseville's CIS/utility billing project to implement the Cayenta utility billing solution. The NavigateOne™ Statement of Work we negotiated in partnership with the City was responsible for significant savings to the CIS billing project. We look forward to providing the same high-quality and industry leading services to assist the City of Roseville with this Customer Self Service (CSS) Web Portal and Mobile App assessment and selection project.

E Source provides utilities-specific, vendor independent consulting that assists utilities with their mission-critical enterprise software systems in the areas of needs assessment, selection/procurement, project planning/negotiations, and client-side project implementation leadership services. Our sole focus is to work very hard to be the best consulting partner in the industry for our clients. In order to be the best in our industry, our services and area of expertise is very focused; we do not attempt "to be all things to all utilities." With that perspective, we believe we are uniquely qualified to lead the City of Roseville through this important Assessment and Procurement project.

We believe E Source is uniquely qualified to lead the City of Roseville for a number of specific reasons. These qualifications and attributes are outlined below and detailed further in our proposal.

1. E Source's successful history with the City of Roseville's Cayenta and Meter Projects
2. Utilities Specific Firm
3. Electric & Water Experience
4. California Experience
5. Cayenta Experience
6. Market Leading Customer Self-service Vendor Experience



1-800-ESOURCE

esource@esource.com

www.esource.com

3020 Carbon Place, Suite 300, Boulder, CO 80301

7. Proven Methodology – NavigateOne™ (PMBOK Based)
8. NavigateOne™ Tools and Statement of Work
9. Industry Validation
10. Cloud Experience

This proposal provides a comprehensive picture as to what the City's project will look like under E Source's guidance. If you are short on time, please see the section titled "Executive Summary", on page 3.

The sampling of clients referenced in this proposal will gladly substantiate the value E Source brings to a project, the success we deliver through our NavigateOne™ methodologies and tools, and the experience and leadership of our consultants. We have led many utilities through similar projects for which the City is about to embark. We encourage you to contact our references.

The NavigateOne™ methodology will deliver all of the information needed by the City to evaluate your current and future demands and select the best CSS software and implementer to deliver a successful deployment.

We have provided Assessment, Selection, Negotiation, and Project leadership services for utilities implementation of the leading utilities software solutions, including numerous system integrators. With the combination of E Source's successful project experiences with City of Roseville, you are assured of a trusted partner for your CSS project. There is not another software consulting firm in the industry that has evaluated and managed the implementation of as many customer self-service software vendors as has E Source.

E Source is a consulting firm that only works with utilities to assist them in Assessment, Selection, Negotiation, and Project Leadership Services for your company and project team. Our clients tell us that it is critical that their consultant is completely independent and unbiased to ensure that the information and advice given is in their best interest. E Source is not a certified partner nor a system integrator for any specific utility software solutions. E Source works only on behalf of our utility clients. The City of Roseville can have complete confidence in the recommendations and advice E Source provides through our engagement.

E Source can perform the services and adhere to the requirements described in this RFP, including Addendum 1. In addition, we reviewed and adhere to the Questions posted online through the Public Purchase portal.

David Jordan, Senior Account Manager, will be glad to answer any questions regarding this proposal. David's contact information is: (803) 466-8680 (mobile) | david\_jordan@esource.com. This proposal is valid for one hundred eighty (180) days from April 11, 2023.

We very much appreciate our past engagements, our on-going partnership and the opportunity to submit our proposal to the City of Roseville. We trust that we have clearly presented our services and the value we bring to assist you with your project. Thank you for your time and consideration.

A handwritten signature in blue ink, appearing to read 'Edwin Crow'.

Edwin Crow, Senior Vice President Solution Services

m: 803-920-7939 | o: 803-736-9486 | edwin\_crow@esource.com



Proposal to:

City of Roseville, California

RFP No. 07-089 | April 11, 2023 - 3:00 pm PST

# Assessment and Procurement of Utility Customer Self Service Web Portal and Mobile App

## (E)Source

**Solution Services**  
**Software Planning and Implementation**

3020 Carbon Place, Suite 300 | Boulder, Colorado 80301  
[www.esource.com](http://www.esource.com) | [esource@esource.com](mailto:esource@esource.com)

# TAB E:

## Project Plan

### Approach to CSS Selection Program

First, E Source expresses our commitment to work with the City to achieve your business transformation goals for enhanced customer engagement. Since the inception of the company, E Source has endeavored to provide all of our clients with the highest level of services. Our ability to grow as a company is completely dependent on the services we provide to our clients and their willingness to share their experience with other peer utilities. We are fully committed to providing excellence in delivery, quality and reliable service in a safe and environmentally accepted manner. While we make this commitment, we encourage you to speak with our references, to hear firsthand how we engage and the satisfaction with the services we deliver.



E Source has outlined our NavigateOne™ Selection methodology starting on page 41. If selected and once we have a more detailed understanding of the organization and project, E Source will tailor our methodology to best meet your needs.

### The NavigateOne™ Difference

E Source's services are built on our foundational methodology, NavigateOne™, which includes processes, tools, templates and software, completely scalable and customizable to the unique needs of utility projects. NavigateOne™ is designed to help utilities achieve project success not only in the strategy and assessment phases of a technology project but also throughout selection and implementation. Our clients have found NavigateOne™ to be an invaluable asset for:

- Assessing business and technical requirements and identifying shortfalls from capabilities available in the industry (gap analysis)
- Identifying and documenting current, future, and unique functional and technical needs
- Planning for project costs
- Identifying , managing, and mitigating project risks
- Identifying feasible options for transforming their business and technology environments
- Providing reliable data for key decisions, enables leadership to move forward with confidence
- Full system implementation project planning
- Business case development
- Justifying strategic decisions to stakeholders

Key to our approach is the fact that we spend significant time engaging with our clients' project teams. You don't just get a template to fill out, as with some consultants' methodologies. You get in-depth , engaged,



and experienced consulting every step of the way. We make this commitment to quality support because our clients rely so heavily on our experience and expertise.

**The right People. The right Tools. The right Methodology.**

**A focus on your business**

E Source's services are based in the conviction that technology projects should be driven by business needs. Our NavigateOne™ methodology captures these business drivers, correlates them to needed technology capabilities and then catalogs the two into a business-focused requirements document that drives assessment, selection, and implementation of a mission-critical solution.

**A focus on the project, not just the software**

Furthermore, we judge the success of a project not simply by a software solution being chosen but by how well the project delivers value to our clients' organizations in the months and years after Go-live. We understand that the details of assessment set the stage for success throughout selection, implementation, and launch. That's why we place the highest importance on careful assessment and strategic documentation, which is the foundation for the production of a client focused NavigateOne™ Statement of Work (SOW) and contract with the chosen vendor down the project road.

# Estimated Selection Consulting Timeline

| 1 Month                                                                                                                                              | 1-2 Months                                                                                                                                                                | 1-2 Months                                                                                                                                                                                                                                | 1 Months                                                                                                               | 2 Months                                                                                                                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 1<br>Planning                                                                                                                                        | 2<br>RFP Development and Short List                                                                                                                                       | 3<br>Demonstration and Finalist Selection                                                                                                                                                                                                 | 4<br>Confirmation                                                                                                      | 5<br>Contract Negotiations and Approval                                                                                               |
| <ul style="list-style-type: none"><li>❑ Kick-off</li><li>❑ Education</li><li>❑ Data Gathering</li><li>❑ Functional Requirements Validation</li></ul> | <ul style="list-style-type: none"><li>❑ Developing RFP</li><li>❑ Create Evaluation Criteria</li><li>❑ Issue RFP</li><li>❑ Demo Scripts</li><li>❑ RFP Evaluation</li></ul> | <ul style="list-style-type: none"><li>❑ Demonstrations</li><li>❑ Reference Checks</li><li>❑ Implementation Interview</li><li>❑ Technology Drill Down</li><li>❑ Cost Analysis</li><li>❑ Final Evaluation</li><li>❑ Seek Approval</li></ul> | <ul style="list-style-type: none"><li>❑ Confirmation Sessions</li><li>❑ Site Visit</li><li>❑ Updated Pricing</li></ul> | <ul style="list-style-type: none"><li>❑ SOW Development</li><li>❑ License Negotiations</li><li>❑ Final Approval of Contract</li></ul> |

The following section presents E Source's proprietary NavigateOne™ methodology and how it will be carried out to achieve the scope of services sought by the City during this selection project.



# NavigateOne™ Selection Methodology

## Project startup

As part of our NavigateOne™ Selection Methodology, E Source uses iCue EPM software (iCue for Selection) as one of the tools to assist our clients with the selection of the software vendor and SI. iCue for Selection is included in the cost of our selection engagements as we use the solution to manage our selection projects.

At the start of the project, E Source will work with the City to provide access and training to E Source's iCue for Selection software. iCue for Selection is a component of E Source's proprietary iCue Enterprise Project Management Software Suite (iCue EPM). iCue EPM was specifically developed to support utilities mission-critical projects. iCue EPM integrates all key areas of project management tools and communications, including project scheduling, document tracking, issue management, defect tracking, risk log and tracking, training tasks, and resources. Since iCue was developed to manage mission-critical implementation projects, the selection team uses a subset of the functionality to support selection activities.

This phase of the project is comprised of tasks and activities that focus on confirming and documenting the City's major business drivers, goals, and objectives for the project. Typical drivers, for example, include business limitations that result from: constituent/customer demands, regulatory changes, current vendor viability, technology obsolescence, inflexible software and cost of operations and maintenance.

A clearly detailed project charter and work plan will be established, and E Source will collaborate with the City's project leadership to finalize and document key project activities, a project schedule, roles, milestones and deliverables-essentially the "who," "what," "when" and "how" of your strategic assessment and planning project.

In addition, E Source will start discussions regarding the City's software deployment strategy. Different software deployment options (Cloud/on-prem/hybrid/SaaS) will be explored to determine the best approach based on the software and the City's technology direction.

The project planning and startup phase is important for laying a foundation for success, and includes the following activities:

- iCue for Selection access and training
- Establishment of the Project Charter
- On-site meetings, interviews and planning discussions
- Discussion/Understanding of the City's drivers for the project
- Establish joint roles and responsibilities with the City executives and staff
- Meeting facilities and other logistical support identified and prepared
- Project kick-off meeting
- Orientation and training that provide valuable context for selection activities
- Project strategy
- Deployment Strategy (In-house, Cloud, Hybrid, SaaS)
- Communication plan
- Finalization of Project Schedule
- Kickoff

E Source will conduct a project kick-off to formally start the project. During this formal session, in order to communicate the importance of the project work, client executives and project sponsors will be required to



participate. In this meeting, E Source will introduce our NavigateOne™ methodology and tools to the team. This tool set will serve as a common thread driving project activities, schedules, measurement and more throughout the life-cycle of the project.

### CSS Industry Educational Workshops

---

Because the most effective decisions are made when our clients are best informed, E Source leads educational workshops early in the project that will provide the team with valuable industry context and project information. This early investment makes the assessment activities more valuable as participants are given important decision-making information about current functionality and technology trends among utilities, innovations being developed by software vendor, services offered by integrators, costs, and a clear understanding of the work ahead.

E Source will lead the City's project team in a CSS Industry Workshop that covers information critical to the assessment process, such as:

- CSS Industry Overview
- CSS Software Vendor Overview

This workshop will provide the City with an understanding of the software vendor companies, functionality currently available in the market, trade-offs among the various solutions and the operational benefits and risks of various options. It will also include an introduction to system integrators and their role in the implementation of a new CSS. The result of this workshop will be an informed, involved project team prepared to make confident strategic decisions moving forward.

### Key Activities Recap

- Access and Training for iCue for Selection
- Establish Project Charter
- On-site meetings, interviews, and discussions
- Establish joint roles and responsibilities
- Deployment Analysis
- Project kick-off meeting
- Project Plan and Schedule
- CSS Industry Workshop
- Finalization of Project Schedule

### Needs Assessment

While many consulting firms rely on a "template" approach to research that places the bulk of the work on the client, E Source customizes our research per our client's actual needs and leads/works with your team in the work effort. Our dynamic research and evaluation tools reflect current utilities needs as well as the capabilities of current industry software solutions.

E Source will work with the City's management and business leaders, functional and technical staff, IT, and others to review the business needs and technical requirements and to identify how the organization will be impacted by the replacement of the new CSS either in the cloud/on-prem or hybrid. Our process allows for end-user and executive participation throughout the development of the requirements phase to

ensure total buy-in and acceptance from the City's staff, thus starting to impact change management for the organization.

Proverbially speaking, no stone is left unturned during this research initiative.

### **Systems Environment Review**

Through a series of meetings and information gathering in conjunction with the City's staff, E Source will review the City's current technology environment as it relates to the CSS applications, including:

- major systems
- sub-systems
- hardware
- interfaces and connectivity
- current business uses
- any third-party components working in conjunction with CSS

E Source will also review at a high-level the connections between these technology resources and major business activities that utilize them as well as appropriate non-system factors such as support roles and major service protocols that may affect or be affected by any major system change.

From this analysis will emerge a high-level picture of the City's information systems and technology environment, which will give context for the deeper functional/technical assessment activities that follow.

### **As-Is Process Flow Evaluation, Requirements Analysis, Confirmation, and Prioritization**

E Source will work with the City, using our NavigateOne™ Business Requirements Catalog, to discuss and document current, future, and unique CSS needs. The Business Requirements Catalog is a database of best practice requirements that have been developed through meetings with utilities across North America. E Source will then lead a number of workshops with the City core team and subject matter experts to ensure its current and future requirements are captured, documented, and prioritized for incorporation into the RFP.

### **Sample NavigateOne™ Business Requirements Catalog**

---

The following screen shots represent a few of the tools included in The NavigateOne™ Business Requirements Catalog. The database allows us to perform analysis and provide metrics in a number of areas.

# [S] Source

PROPOSAL TO: City of Roseville, California

**iCUE ProcessCatalog**  
Customer Information System / Web Customer Self Service

Home My Work Project Management Dashboards

Search this site

Project Tracking  
Add Log  
Change Requests  
Deliverables  
New Requirements  
Process Catalog  
Risks

Document Libraries

**Online Internet Account Setup**  
Edit Details

Previous Process To Catalog Next Process

More ...

|                     |            |                                                                                                                                                      | Score CV | Current Functionality | Scope | Evaluated |
|---------------------|------------|------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------|-------|-----------|
| Selection Documents | 03.000.001 | System will be configured for customers to create their own profile, including user name and password.                                               | 15       |                       | IN    |           |
| Selection Documents | 03.000.002 | System will be configured to change Pin or Password using a security question                                                                        | 15       |                       | IN    |           |
| Selection Documents | 03.000.003 | System will be configured to require authentication, using an account/VPIN combination, when linking an account or group of accounts to a user name. | 15       |                       | IN    |           |
| Team Communication  | 03.000.004 | System will be configured to provide email confirmation and user ID information in real-time, automatically                                          | 15       |                       | IN    |           |
| Calendar            | 03.000.005 | System will be configured to link accounts online.                                                                                                   | 15       |                       | IN    |           |
| PTO Requests        | 03.000.006 | System will be configured to require username/password to access account information.                                                                | 15       |                       | IN    |           |
| Media               | 03.000.007 | System will be configured to relate multiple customer accounts to one online account.                                                                | 15       |                       | IN    |           |
| Pictures            |            |                                                                                                                                                      |          |                       |       |           |

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**iCUE ProcessCatalog**  
Customer Information System / Web Customer Self Service

Home My Work Project Management Dashboards

Search this site

Project Tracking  
Add Log  
Change Requests  
Deliverables  
New Requirements  
Process Catalog  
Risks

Document Libraries

**Online Internet Display/Views**  
Edit Details

Previous Process To Catalog Next Process

More ...

|                    |            |                                                                                             | Score CV | Current Functionality | Scope | Evaluated |
|--------------------|------------|---------------------------------------------------------------------------------------------|----------|-----------------------|-------|-----------|
| System Documents   | 03.030.001 | System will be configured to view account history online.                                   | 15       |                       | IN    |           |
| System Documents   | 03.030.002 | System will be configured to view account financial transaction history for over 24 months. | 15       |                       | IN    |           |
| System Documents   | 03.030.003 | System will be configured to view current: a) Amount Past Due and Due Date                  | 15       |                       | IN    |           |
| Team Communication | 03.030.004 | System will be configured to view current: b) Current Amount Due and Due Date               | 15       |                       | IN    |           |
| Calendar           | 03.030.005 | System will be configured to view current: c) Payment Schedules and Due Dates               | 15       |                       | IN    |           |
| PTO Requests       | 03.030.006 | System will be configured to view current: d) Total Balance Due and Due Date                | 15       |                       | IN    |           |
| Media              | 03.030.007 | System will be configured to view the current statement online.                             | 15       |                       | IN    |           |
| Pictures           | 03.030.008 | System will be configured to view and print the most current bill or statement online.      | 15       |                       | IN    |           |

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E Source will lead the City core team through this analysis, scoring and documentation process to capture all the City specific requirements. Once approved, the City-specific Business Requirements Catalog can be exported into the appropriate format to be included into an RFP for the new CSS software and implementation partner.

The detailed documentation of requirements is critical as they will be utilized extensively throughout the RFP phase and new system implementation. Detailed requirements are necessary and will support configuration, testing, training as well as validation through the traceability matrix (ensuring that the vendor delivered/enabled all of the functionality to which it was contractually obligated). Nothing in an E Source Assessment/Selection is ever wasted. This process will:

- Clearly connect business needs with functional requirements
- Provide a context for mapping these needs to systemic capabilities
- Help identify gaps in functionality between current system capabilities and capabilities available in the industry
- Address and prioritize functional requirements

This "drill-down" approach is an intensive exploration with key utility staff focused on identifying the requirements that the software solution would need to provide in order to meet the City's CSS needs.

The result of these work sessions will be an exhaustive City-specific CSS requirements document that will serve as the foundation of the future direction to include RFP, demonstration scripts, vendor evaluation and scoring, Statement of Work, contracts, testing scripts, training, and implementation traceability.

The following are some of the main functional and technical areas explored through this comprehensive research process:

#### Customer Self-Service

- Security
- Technology/Integrations
- Automated Intelligence
- Web Portal Design/Mobile Deployment
- Account Management
- Outbound notifications/alerts
- Meter reading analytics (usage Management)
- Payment Processing
- Delinquency Management
- Payment plans
  - Extensions
  - Integrations
- Reporting
- Business and Technology

#### ■ Key Business Drivers

- SLA's
- Competing Initiatives
- Regulatory / Mandates / Compliance Issues
- Data Quality

#### Technology

- Deployment (In-house, Cloud, Hybrid)
- Integration Requirements
- Additional Technology Initiatives
- Emerging Technology Trends (Internet, IVR, Mobile apps, etc.)
- Reporting
- User Interface Functionality (API, ESB, SOA, etc.)
- IT Integration and Support
- Hardware and Related Resources

#### Business Issues

- CSS strategic goals

#### **Organizational Staffing Assessment (OSA)**

In preparation for any large mission-critical project, the utility client-side of the project staffing is crucial to the project's success. As part of E Source's NavigateOne™ methodology, E Source will work with the City to conduct an assessment regarding the staffing needs for a CSS project. This assessment is called the Organizational Staffing Assessment (OSA).



Most consultant's approaches to system assessment and selection projects focus primarily on functional and technical areas. E Source agrees that these are important and must be considered as part of any thorough systems assessment, and they are a key component in NavigateOne™. However, CSS software projects are so dependent upon subject matter resources (needed expertise, availability, and experience) to be successful. This is why E Source's NavigateOne™ methodology incorporates the Organizational Readiness Assessment; to ensure the organization has the right people, in both numbers and experience, to support the chosen path.

Many utility organizations make the mistake of attempting to staff the project by utilizing part-time employees, not assigning their best resources, or simply making the assumption that many people can wear multiple hats.

The OSA will provide the City detailed and easy to understand analysis of their staffing needs as well as a staffing plan for a CSS replacement project. This staffing plan details the required roles and the full-time equivalent required to fulfill that role on the project. In addition, the role definition portion of the analysis discusses the skills needed by each resource to successfully fulfill that role. The role definitions identify and describe the functional and technical roles needed for the project. The OSA information will also be used as part of the RFP to communicate the City's resource commitment to the project. This will also provide the City with data to assist with staffing planning and budgeting.

### **Risk Register**

As a component of the Needs Assessment, E Source and the City Core Team will identify risks that should be considered in the implementation of a new CSS solution. E Source and the City Core Team will document the risks in the Risk Register in iCue for Selection. These risks will be presented to management so that the City can develop and plan mitigation strategies.

### **Building a Precision RFP & Scope of Work**

With the City's input and approval, E Source will develop a City-specific RFP that effectively and accurately expresses all of the needed information by the software vendor, enabling them to provide complete and specific responses.

Our comprehensive RFP template has been developed specifically for utilities and will be customized to express specific details of the City's functional and technical areas in a concise, logical framework of content. The functional requirements documented in the Needs Assessment will be incorporated into the RFP, ensuring that responding vendor responds to the specific needs of the City. The RFP template will also identify deployment strategy, interfaces and hardware needs that the City may use to develop and pursue identified business strategies.

During the RFP development period, E Source will conduct on-site workshops with the City's project team to tailor and augment our tested RFP base format to include areas such as: instructions on how to respond, the City specific procurement guidelines, legal requirements and forms, functional matrices, technical information, business objectives, pricing lists and other information.

E Source will coordinate the release of the RFP with the appropriate City department and in accordance with The City's procurement requirements and procedures. The City is in complete control of the RFP and will approve and dictate when and how the RFP is distributed to the market.

### Evaluation Framework (Scoring Criteria)

---

E Source and the City will develop together a detailed evaluation framework, timeline and scoring matrices for evaluation of the CSS software vendor proposals. This process will take into account the City's current and long-term needs, which could include but not be limited to the following areas:

- Procurement Requirements
- Functional Requirements
- Product Roadmap (5 years)
- Technical Requirements
- Total Solution Costs
- Demonstration Results
- Implementation Methodology
- Support Requirements
- Vendor Demographics

### Key Activities

- Develop City-specific RFP
- Tailor NavigateOne™ demonstration framework and scripts to the City's requirements
- Establish detailed evaluation framework (scoring criteria)
- Tailor NavigateOne™ evaluation framework to the City's requirements
- Market and distribute RFP to potential software vendor's and/or system integrators
- Coordinate all RFP activities
- Vendor Evaluation & Demos

### RFP Support

---

Following the release of the RFP, E Source will assist the City in supporting vendor inquiries regarding its contents. If appropriate, based on time constraints and the City's procurement rules, E Source strongly encourages individualized "bidder" discovery sessions. These sessions are intended to provide the software vendor face-to-face time with the City to ask detailed questions related to the RFP without the fear of giving away response strategies to competitors. While this method does require more time and effort from the project team beyond the normal "bidders conference," we believe that the benefits to the City are much greater, ensuring that the software vendor's and Si's are able to provide more detailed responses that are tailored to the City's specific needs.

### Key Activities

- Support/ research vendor RFP questions
- Coordinate "bidder" discovery sessions
- Evaluation of Vendor Responses and Creating a Short List

Following the close of the RFP response period, the City's project team and E Source will work together to evaluate and identify up to three (3) CSS vendors that best meet the City-approved selection criteria as defined in the RFP. E Source has decades of industry experience in CSS selection and implementation projects of various complexities-critical for effectively validating vendor responses. In addition, the City will have the benefit of E Source's NavigateOne™ vendor evaluation accelerators for streamlining reference checks and additional due-diligence activities.



We understand the importance of validating a selection to stakeholders, which is why E Source's unique selection process requires extensive documentation throughout the entire project. We will, therefore, conduct the necessary on-site workshops as needed during the procurement phase to document and present the project team's findings to members of the City's management or other high-level stakeholders.

#### **Factors E Source Considers in Scoring and Selecting a Vendor:**

- RFP scoring with Business Requirements Catalog
- Vendor experience on similar projects
- Demonstration of software's ability to meet the City's business needs
- Product Roadmap for next 5 years, assuring solution can evolve with the City's needs
- Implementation Methodology
- Technology match
- References
- 5-10 Years Total Cost of Ownership
- Vendor company viability

#### Key Activities

- Review and evaluate/ score RFPs
- Identify "short-list" of vendor to move to next phase
- Organize and conduct demos
- Conduct on-site vendor discovery sessions

#### **Vendor Demonstrations and reference Checks**

E Source will coordinate workshops with the City's project team to develop business-based demonstration scripts, scoring criteria and detailed outlines of requirements that need to be satisfied by the vendor.

Because we believe that simply allowing vendor to "demo" without direction does not provide value to our clients, E Source's approach is to script vendor demonstrations based on the City's key business drivers.

The project team will then invite the two to three short-listed vendors to the City to conduct one (1) or two (2) day scripted CSS system demonstrations, which provides the City's team the opportunity to evaluate the software applications functionally and technically. In addition to software capabilities, the vendor will present corporate overviews and a detailed review of their implementation methodology and proposed work plan.

E Source will thoroughly document these demonstration results, including summarization of scores, a written recap of the City's users' notes and general comments. This demonstration documentation will be added to the scoring matrix.

Follow-up meetings within the project team will then be conducted to review the results of the demonstrations. In addition, E Source and the City will review reference results and document issues. E Source will conduct on-site workshops to update the scoring matrix to reflect the most recent procurement activities.

In addition to conducting demonstrations, E Source will assist the City's project team in coordinating reference checks for the short-listed vendor. The City may utilize E Source's reference check tool to capture detailed questions. E Source will again update the scoring matrix to reflect the appropriate reference scores and comments.



At the conclusion of these demonstrations and reference checks, E Source and the City will compile all the scoring details to assist the City with the selection process. The summaries of the scores are then reviewed by the City.

The City selects the Preferred Vendor.

#### Key Activities

- Conduct Vendor Demonstrations
- Compile Demonstration Scoring
- Compile Reference Check Scoring
- Selection of Preferred Vendor
- Negotiations Strategy Workshop

In preparation of Confirmation Session and Contract Negotiations, E Source will conduct a presentation to the City outlining contract negotiation strategies and will inform the City of expected vendor positions .

#### **Confirmation Session**

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Upon the selection of the Preferred Vendor, E Source and the City will bring in the Preferred Vendor for a multi-day meeting to review any items necessary to ensure the Preferred Vendor has a complete understanding of the City's project requirements and expected outcomes.

Areas that will be reviewed include:

- Functional Requirements (if needed)
- Modifications
- Interfaces
- Conversion
- Implementation
- Process Engineering
- Hardware
- Support
- 3rd Party Software
- Travel
- Licensing

This process ensures that the preferred vendor has been given the opportunity to make certain they have a complete understanding of the City's project requirements in order to provide an updated price based on the most accurate information. As the preferred vendor knows the information gathered will be included in the NavigateOne <sup>TM</sup> Statement of Work and contract, it prevents the preferred vendor from saying that they did not have a complete understanding of the City's requirements once the implementation project has started. This helps eliminate cost increases for the project. E Source will conduct the necessary on-site workshops to document the core team's findings and participate in or conduct the presentation of the Core team's results to members of the City's management team.

#### **Site Visits**

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After the preferred vendor is identified, E Source will then give due diligence to confirming the qualifications of the vendor through reference site visits (if desired) . E Source will coordinate, while



adhering to the City's travel policy, up to two-vendor production site visits and one vendor corporate visit by key project team members.

A site visit schedule that accounts for functional, technical, and project management aspects of the vendor's work will facilitate interviews with various reference site employees, especially high-volume end-users. These trips will:

- Facilitate a detailed review of the proposed product
- Provide insight into the proposing vendor's support structure and client base
- Offer pragmatic, vendor-specific insights into the implementation process

E Source will summarize the project team's evaluations into the scoring matrix and conduct the necessary on-site confirmation workshops to review the team's findings.

#### Key Activities

- Negotiations Strategies Workshop
- Confirmation Workshop
- Coordinate and support the City in software vendor site visits

### **Contract Negotiations**

Leveraging our experience with numerous software vendor contract and SOW negotiations, E Source will assist the City in the negotiation process with the selected vendor, including review of the vendor's proposed contract terms and the development of a NavigateOne™ Statement of Work that is tailored to and protects the specific interests of the City, not the vendor. Having led SOW development and client implementations with many different software vendors, we know where projects fail and where strong language is required to ensure a successful project and protect our clients.

Based on the intensive research of the months before, E Source will work with the City and the selected vendor in negotiating the Statement of Work, work plan and contract. Throughout this process, E Source will participate in the completion of the contract to both the City's and the chosen vendor's satisfaction.

The completed, agreed-upon SOW will provide detailed data regarding the implementation project ahead. Responsibilities for all parties involved will be documented and described to the extent that ambiguities are reduced as much as reasonably possible. All functional questions and answers from the RFP response and the vendor confirmation sessions will be included in the SOW. Service levels will be described in detail. Acceptance criteria and measurement criteria for each deliverable will be included.

Exhibits to be incorporated into the SOW may include: the RFP, the RFP response, functional checklists, technical checklists, resumes of assigned resources, project plan, etc.

E Source will support the City in any governing body approval presentations or discussions.

#### Key Activities:

- Present vendor finalist recommendation
- Prepare and Deliver Negotiation Strategy Workshop
- Support SOW negotiations
- Support price and term negotiations
- Governing body approval (if required)
- Signed contracts

## Table of Deliverables

|     | iCue for Selection - Client Access and Training         | The City is provided access to the iCue for Selection software. Training of users on iCue for Selection to ensure knowledge transfer and usability of the software for the Selection project.                                                                                                                                               |
|-----|---------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2   | Project Charter/ Strategy Document                      | The Project Charter will include descriptions of the major project components, establishment of the steering committee board, identified project resources, assumptions, and risks. The strategy section of the document will describe the approach to the project and explain why the team established this strategy.                      |
| 3   | Project Plan                                            | An approved document used to guide both project execution and control. Documents planning assumptions, decisions, and facilitates communication between stakeholders, and documents approved scope, cost, and schedule. There will be summary and detailed versions.                                                                        |
| 4   | CSS Industry Education Workshop                         | Workshop by E Source for the City's project team. The intent of this workshop is to educate the team regarding the major vendors that provide solutions and services. The workshop will provide a information on each vendor. Between 6-8 CSS vendors will be profiled in this workshop.                                                    |
| 5   | NavigateOne™ CSS Business Requirements Catalog Template | E Source's NavigateOne™ CSS Business Requirements Template to be delivered to the City's project team for review in preparation for requirements confirmation sessions.                                                                                                                                                                     |
| 6   | The City-specific CSS Business Requirements Catalog     | Database of CSS requirements tailored to the business and functional needs of the City. With the City's input and guidance, the Business Requirements Catalog will capture, prioritize, and score the City's current and future business and functional requirements for the project.                                                       |
| L_J | Organizational Staffing Assessment                      | A document that captures the City's organizational and staffing needs, and readiness to support the implementation project.                                                                                                                                                                                                                 |
| 8   | Risk Matrix                                             | An iCue for Selection data element that captures risks for which the City needs to be aware in order to plan and develop mitigation strategies.                                                                                                                                                                                             |
| 9   | RFP Template Document                                   | RFP template that lists major categories of information that may be included in the City-specific RFP to vendors. Sections include: business purpose of project, utility history, utility statistics, functional and technical requirements, integration/interface information, etc., and E Source's NavigateOne™ vendor response template. |
| 10  | Scoring Work Sheet                                      | Completed scoring worksheet that reflects the City's scoring criteria and weights that will be used to evaluate the software and the system integrator.                                                                                                                                                                                     |
| 11  | Final RFP Document                                      | Document that is a derivative of Deliverable number 9. This document builds on the template information from deliverable 9 and is updated based the City's data gathering and meetings with E Source. This document will be tailored to the City's specific requirements.                                                                   |

|    |                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 12 | Base Product Demonstration and Oral Scripts                                                                       | Templates - Document that defines the functionality from the Business Requirements Catalog that will be used to create information to guide CSS vendor through a functional presentation of their software. For the implementation, oral scripts used to lead the system integrator through an explanation of their implementation methodology, tools, and processes.                                                                                                                                                                                                                                                              |
| 13 | Vendor and System Integrator Discovery Sessions                                                                   | E Source will schedule and conduct 2 hour Discovery Sessions with software vendor and the system integrators.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 14 | Clarification Document                                                                                            | E Source will issue a clarification document(s) to all software vendors and system integrators prior to the respective RFP response due date.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 15 | All Functional Scores & Project Solution Costs                                                                    | Documents that summarize and rank the software vendor and system integrator responses from the RFP responses.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 16 | Selection of Vendor Finalists based on Scores                                                                     | Rankings for selection of the software vendor and system integrator finalists. (Short list - up to 3 vendors).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 17 | Steering Committee Presentation                                                                                   | E Source will prepare an executive level PowerPoint presentation that summarizes the selection decision for the City's Steering Committee . E Source will conduct this presentation or support the City with the presentation, based on the City's preference.                                                                                                                                                                                                                                                                                                                                                                     |
| 18 | Executive Management Presentation                                                                                 | E Source will prepare an executive level presentation that summarizes the selection decision for the City's Executive Management. E Source will conduct this presentation or support the City with the presentation, based on the City's preference.                                                                                                                                                                                                                                                                                                                                                                               |
| 19 | The City-specific Product Demo and Oral Scripts                                                                   | E Source and the City will work together to create the appropriate level of detail for data and various business rules to be included in these scripts using the templates as a starting point from Deliverable 12. The City and E Source will mutually determine which components of the Business Requirements Catalog will be included based on the City's level of importance. These scripts will only use portions of the Business Requirements Catalog in order to accommodate the time allocated for software presentations. In addition to these scripts, E Source will provide a suggested agenda for the vendor meetings. |
| 20 | Demonstration Agenda and Schedules                                                                                | Document that outlines the schedule for demonstrations for each software vendor and system integrator. The document will also outline the major topics to be presented by the software vendor based on the City's requirements.                                                                                                                                                                                                                                                                                                                                                                                                    |
| 21 | Completion of the Software Vendor and SI Demonstrations                                                           | The short-listed software vendors and system integrators that participated in the demonstrations have completed their presentations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 22 | Reference Checks                                                                                                  | The City has completed all reference checks, E Source has summarized results.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 23 | Summarization Score Ranking of Software Vendor and SI Based on Completed Demonstrations/Orals and All Information | Documents that summarize and ranks the software vendor for the demonstrations and the system integrator for their oral presentation. All scoring criteria is computed and the preferred vendor for the software is identified. All scoring criteria is computed and the preferred vendor for the system integrator is identified .                                                                                                                                                                                                                                                                                                 |

|    |                                      |                                                                                                                                                                                                                                                                                                                            |
|----|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 24 | Selection of Preferred Vendor        | Meeting conducted to review score/ranks and review the final selection. E Source will provide a document to summarize the meeting minutes.                                                                                                                                                                                 |
| 25 | Updated Scoring Matrix               | Updated Scoring Matrix                                                                                                                                                                                                                                                                                                     |
| 26 | Preferred Vendor Confirmation        | <b>Two to three days in-depth review of preferred software vendor's</b> proposed offering with the intent to confirm completeness of offering as related to RFP requirements.                                                                                                                                              |
| 27 | Solution Cost Summary                | Document that outlines the software vendor cost summary and evaluates for completeness. This document is used as a component of the preferred vendor negotiations and for governing body approval. This document is delivered prior to the start of software vendor negotiations.                                          |
| 28 | Site Visits Completed                | E Source will assist the City to schedule and conduct up to two on-site/virtual customer reference visits for the software vendor (if desired).                                                                                                                                                                            |
| 29 | Negotiation Strategies Workshop      | In preparation of contract negotiations, E Source will conduct a presentation to the City outlining contract negotiation strategies and will inform the City of expected software vendor positions.                                                                                                                        |
| 30 | Governing Body Approval Presentation | E Source will prepare an executive level PowerPoint presentation that summarizes the selection decision for the City's governing body. E Source will conduct this presentation or support the City with the presentation, based on the City's preference.                                                                  |
| 31 | Contract Key Issues                  | E Source will provide a document outlining the major business issues that should be reviewed by the City in regard to the contract term and conditions for the software vendor. The City will be required to have legal counsel evaluate all contracts from a legal perspective, as E Source does not render legal advice. |
| 32 | Statement of Work (SOW)              | E Source will support the development and negotiation of the NavigateOne <sup>TM</sup> SOW that reflects the City's specific project information with the software vendor.                                                                                                                                                 |


**Southern** PROPOSAL TO: City of Roseville, California

**High Level CSS  
Selection Schedule  
SAMPLE**

| Monday   | Friday   | Tasks                                                                                                                                                                                                                                                              |
|----------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6/8/23   | 6/12/23  | Introductory Meeting<br>Project Planning & Scope Review<br>Navigate One Introduction<br>CSS Educational Workshop<br>Procurement Introductions & Discussions<br>Strategy Discussions<br>Project Charter Introduction<br>iCue Training<br>Data Gathering Assignments |
| 6/15/23  | 6/19/23  | <i>Team: Data Gathering</i><br><i>E Source: Charter Development/ Finalize Project Plan</i>                                                                                                                                                                         |
| 6/22/23  | 6/26/23  | Charter Finalization<br>Data Gathering Review<br>Operational Analysis Workshop<br>Risk Workshop                                                                                                                                                                    |
| 6/29/23  | 7/3/23   | Business Process/Functional Preparation                                                                                                                                                                                                                            |
| 7/6/23   | 7/10/23  | <b>Independence Day</b>                                                                                                                                                                                                                                            |
| 7/13/23  | 7/17/23  | Business Process and Functional Review                                                                                                                                                                                                                             |
| 7/20/23  | 7/24/23  | <i>E Source RFP Prep</i>                                                                                                                                                                                                                                           |
| 7/27/23  | 7/31/23  | <i>E Source RFP Prep</i><br><i>Staffing Finalization</i>                                                                                                                                                                                                           |
| 8/3/23   | 8/7/23   | RFP Review Kickoff                                                                                                                                                                                                                                                 |
| 8/10/23  | 8/14/23  | <i>E Source RFP Finalization</i>                                                                                                                                                                                                                                   |
| 8/17/23  | 8/21/23  | Finalize RFP<br>Evaluation Matrix<br>Executive Update: Getting to a Shortlist                                                                                                                                                                                      |
| 8/24/23  | 8/28/23  | <i>Client Purchasing Approval Process</i>                                                                                                                                                                                                                          |
| 8/31/23  | 9/4/23   | Release RFP<br>Demonstration Scripts & Reference Questions                                                                                                                                                                                                         |
| 9/7/23   | 9/11/23  | <b>Labor Day</b>                                                                                                                                                                                                                                                   |
| 9/14/23  | 9/18/23  | Discovery Sessions; Final Questions                                                                                                                                                                                                                                |
| 9/21/23  | 9/25/23  | RFP Due<br>RFP Initial Review<br>Reading Workshop                                                                                                                                                                                                                  |
| 9/28/23  | 10/2/23  | <i>Team Reading</i>                                                                                                                                                                                                                                                |
| 10/5/23  | 10/9/23  | <i>Team Reading</i>                                                                                                                                                                                                                                                |
| 10/12/23 | 10/16/23 | RFP Evaluation<br>Executive Update: Short Listed Vendors<br>Shortlist Notification                                                                                                                                                                                 |
| 10/19/23 | 10/23/23 | <i>Reference Checks</i><br><i>Demonstration Prep</i>                                                                                                                                                                                                               |
| 10/26/23 | 10/30/23 | Demonstrations Week One                                                                                                                                                                                                                                            |
| 11/2/23  | 11/6/23  | Demonstrations Week Two<br>Demonstration Scoring<br>Executive Update: Final Vendor Selected                                                                                                                                                                        |
| 11/9/23  | 11/13/23 | <i>Client / Vendor Preparations for Confirmations</i>                                                                                                                                                                                                              |
| 11/16/23 | 11/20/23 | Confirmation Sessions<br>Negotiations Strategies Workshop                                                                                                                                                                                                          |
| 11/23/23 | 11/27/23 | <b>Thanksgiving</b>                                                                                                                                                                                                                                                |
| 11/30/23 | 12/4/23  | <i>Final Pricing Due</i><br><i>Contract Negotiations Begin</i>                                                                                                                                                                                                     |
| 12/7/23  | 12/11/23 | <i>Vendor Negotiations</i>                                                                                                                                                                                                                                         |
| 12/14/23 | 12/18/23 | <i>Vendor Negotiations</i>                                                                                                                                                                                                                                         |
| 12/21/23 | 12/25/23 | <b>Christmas</b>                                                                                                                                                                                                                                                   |
| 12/28/23 | 1/1/24   | <b>New Years</b>                                                                                                                                                                                                                                                   |
| 1/4/24   | 1/8/24   | <i>Vendor Negotiations/Client Legal Review</i>                                                                                                                                                                                                                     |
| 1/11/24  | 1/15/24  | <i>Vendor Negotiations/Client Legal Review</i>                                                                                                                                                                                                                     |
| 1/18/24  | 1/22/24  | <i>Vendor Negotiations/Client Legal Review</i>                                                                                                                                                                                                                     |
| 1/25/24  | 1/29/24  | <i>Vendor Negotiations/Client Legal Review</i>                                                                                                                                                                                                                     |
| 2/1/24   | 2/5/24   | Target to Sign Contracts                                                                                                                                                                                                                                           |

# Optional Implementation and Deployment Phase

## Project Implementation Support- Methodology, Software, and Tools

As a project focused company, everything about our NavigateOne™ methodology points to and is focused on one goal, the successful deployment of the target system(s), enabling and affecting the needed change, and the adoption of the new system(s) to achieve the City's stated goals. To achieve this goal, Our NavigateOne™ methodology, processes, tools, and software have been developed around and are rooted in the Project Management Body of Knowledge (PMBOK), the best practices designated by the Project Management Institute (PMI). This commitment ensures that our client's projects will be guided by rigorous standards of project performance.

Below are services and tools E Source has developed to support the execution of our client's implementation projects.

- NavigateOne™ Implementation Methodology
- Leadership roles to support our Client's Project Team
  - Program/Project Management
  - Testing Leadership
  - Testing Automation
  - Training Leadership
  - Organizational Change Management Leadership
- NavigateOne™ Project Portal
- iCue EPM for Implementation

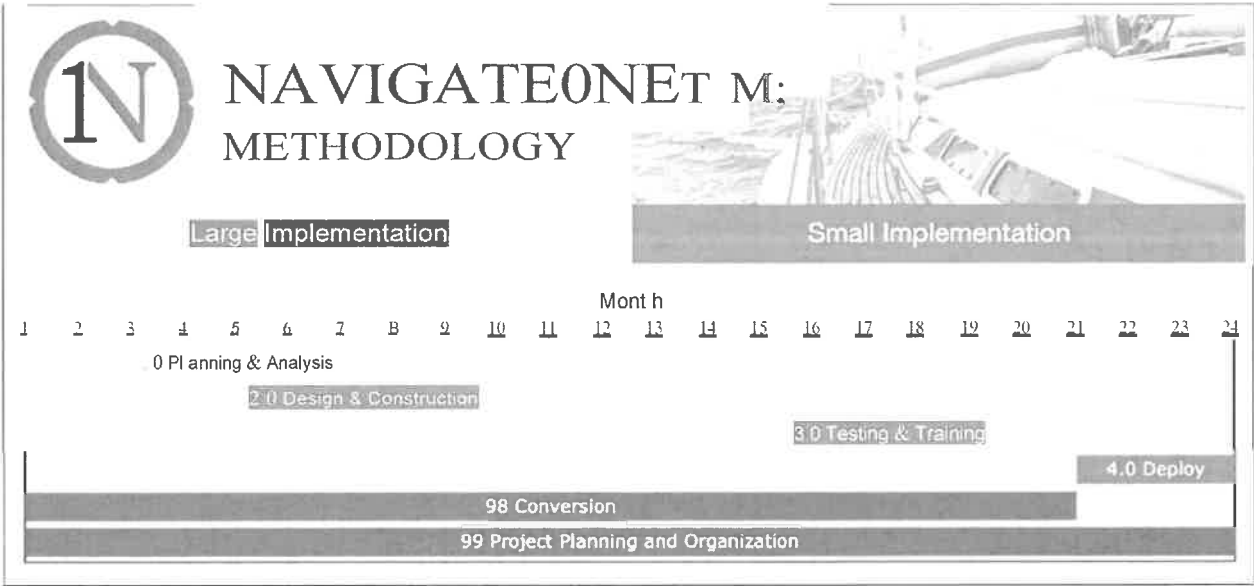
### NavigateOne™ Project Management Office (PMO) Portal

E Source has developed a knowledge portal for our Project Managers and Implementation Leadership Consultants to access all of the NavigateOne tools, templates and work product that E Source has developed for them to lead their respective areas of the implementation (Program/Project Management, Testing Leadership, Organizational Change Management, etc.) The tools, templates, and work products are improved with each implementation project with various software vendors. E Source's consultants tailor each of the needed tools, templates, and work product specifically to our client's project needs.



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The PMO Portal contains templates, examples, and definition forms that our Leadership Consultants use to facilitate and support our client's projects.



**NAVIGATEONET M: METHODOLOGY**

PMO Portal

Search

ALL RESULTS

| Title                                       | Work Product Name | Practice Area |
|---------------------------------------------|-------------------|---------------|
| + 1.0 Planning & Analysis (40)              |                   |               |
| + 2.0 Design & Construction (13)            |                   |               |
| + 3.0 Testing & Training (19)               |                   |               |
| + 4.0 Deploy (2)                            |                   |               |
| + 99 Project Planning and Organization (44) |                   |               |
| + General (13)                              |                   |               |



## iCue EPM for Implementation



At the heart of E Source's PMO methodology is E Source's proprietary iCue Enterprise Project Management Software Suite (iCue EPM for Implementation), which integrates all key areas of project management tools and communications, including project scheduling, document tracking, issue management, defect tracking, risk log and tracking, training tasks, resources, and dashboards backed up by security, workflow, version control, and audit capabilities.

### Multiple Work Channels

iCue EPM is designed to manage projects like the City's with multiple, concurrent channels of activity, enabling sub-teams to drill down into their specific tasks without losing site of the big picture.

### Schedule Management

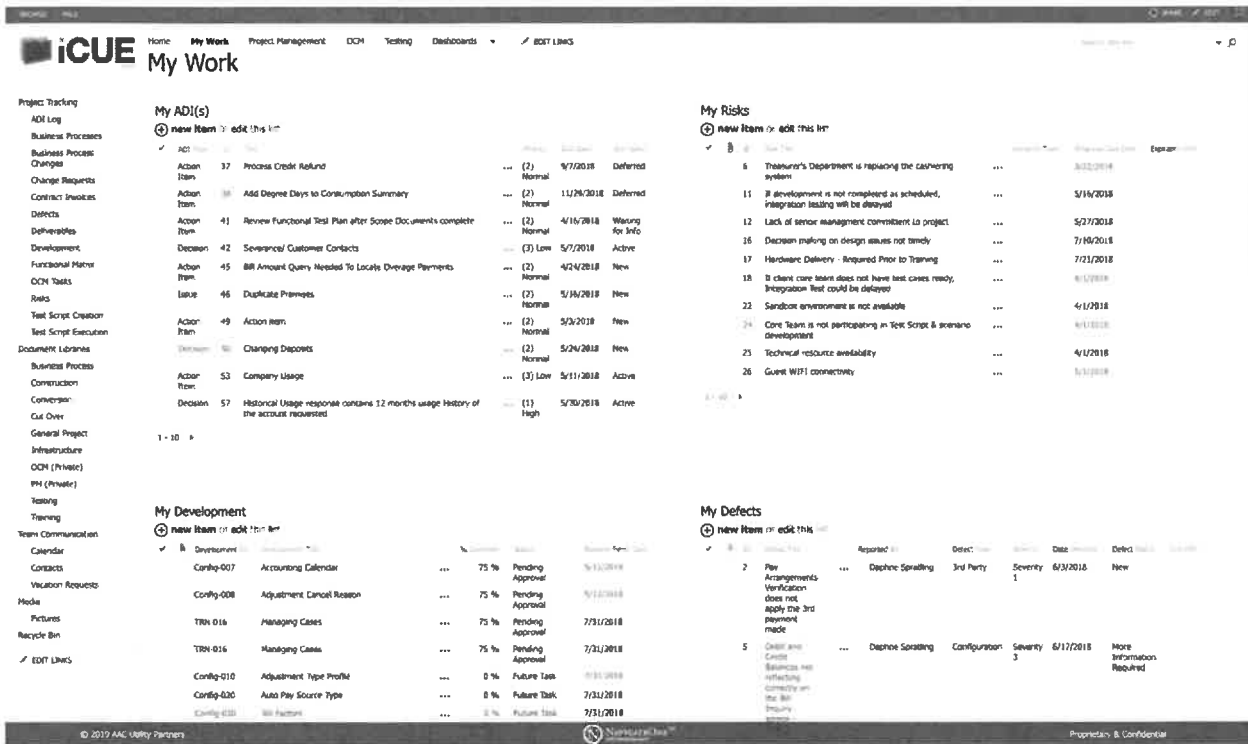
iCue EPM is the repository for the City's project schedule. The master schedule contains predefined views that are used by the team for activity management, task management and status reporting.

### Project Documents & Resources

Specifications, change orders, deliverable sign offs will be stored securely and centrally within iCue EPM permission-based documents libraries. The E Source PM will also establish libraries for training media, test scripts or any custom need to allow for easy distribution and tracking of project-critical information to all resources.

### My Work

My Work is a collection of portals that are specific to each project team member (user). It presents tasks from multiple Sources that are assigned to each team member to ensure that each member understands their assignments as well as when they are due. My Work should be a project members first stop in the morning upon signing into iCue and should be their last stop of the day to update progress on their assigned tasks.



The screenshot shows the 'iCUE My Work' dashboard. The left sidebar contains a navigation menu with categories like Project Tracking, Business Processes, Defects, Deliverables, OCM Tasks, Risks, Test Script Creation, Document Libraries, Construction, CUI Over, General Project, Infrastructure, OCM (Private), PM (Private), Testing, Training, Team Communication, and Contacts. The main area is divided into four sections: 'My ADI(s)', 'My Risks', 'My Development', and 'My Defects'. Each section has a 'new item' button and a table of items with columns for ID, Name, Status, and Date. The 'My ADI(s)' table lists items like 'Process Credit Refund' and 'Add Degree Days to Consumption Summary'. The 'My Risks' table lists items like 'Treasury's Department is replacing the cashflow system' and 'If development is not completed as scheduled'. The 'My Development' table lists items like 'Accounting Calendar' and 'Adjustment Cancel Reason'. The 'My Defects' table lists items like 'Pie Arrangements Verification does not apply the 3rd payment made' and 'Order and Card Business Web reflecting connectivity with the Bill Property system'.

## Dashboards

Access to actionable information, data, and metrics in a mission-critical implementation allows decision makers and team members the ability to make productive decisions. iCue for Implementation includes a number of dashboards that provide visibility across the project. These dashboards include ADI's (Actions, Decisions, Issues), Risk Register, Deliverables, Training Modules and Change Requests, as well as others.



### Version Control/Audit Capabilities

---

Project data and documents are protected by non-destructive version control. This protects the City from accidental data loss. Auditing capabilities allow administrators to determine actions taken on all data and documents in iCue. Workflow allows for more efficiency across the project team. Lastly, security is provided for the application as well as by user groups.

## E Source Project Implementation Leadership

E Source provides a number of project implementation leadership services to lead and support our clients' project implementation team, based on their specific needs. We have certain clients that only need Program/Project Management support while others utilize our Testing Leadership, Training Leadership or Organizational Change Management Leadership. We work with our clients to ensure their projects are properly staffed and if needed, we are able to provide specific resources to support the implementation. If the City decides to utilize any of the below leadership roles, the E Source consultants work on behalf of the City, leading your project team through the implementation in their respective disciplines.

### Program/Project Management

The E Source Project Manager (PM) will be responsible for leading the City project team throughout the CSS implementation project utilizing E Source's NavigateOne™ methodology. The project manager will be responsible for executing the NavigateOne™ methodology and providing day-to-day tactical project management decisions working with and on behalf of the City.

### Project Management Responsibilities

#### Pre-Implementation Activities

- E Source SOW negotiation team will work with the assigned Project Manager to educate and understand all of the unique language in the City SOW with the vendor.
- Review and understand deliverables
- Assist with logistics planning for project team
- Participate in pre-planning activities

Implementation

- Day-to-day management of the Project, acting as the City's Project Manager
- Provide day-to-day direction to the City staff assigned to the project.
- Provide day-to-day direction to software vendor project manager assigned to the project
- Develop Project Schedule with support from the Vendor/SI and Project Scheduler.
- Manage the Project Schedule with Vendor/Project Scheduler making all updates to Project Schedule.
- Develop and manage project budget
- Management and Inspection of key deliverables
- Deliver a monthly report that outlines the status of the project
- Present report to the Steering Committee on a monthly basis
- Provide project improvement recommendations throughout the project
- Evaluate the project risk log and make recommendations as needed
- Support the City with issues that may be escalated between the Vendor and other vendors participating in the project and the City
- Lead risk assessments and manage the identification and tracking processes
- Oversee the issue and defect logs and perform regular reporting
- Manage the project contracts to ensure vendor compliance
- Attend the City Management/Board meetings to discuss project status as needed

Post Implementation

- Manage Open Items list
- Manage the completion of all deliverables
- Communication of project status to project team and steering committee.

**Project Start-Up**Project Planning Sessions

E Source will lead additional planning sessions with vendor and the City project team to establish project roles, milestones and management procedures before implementation work begins.

Additionally, initial risk concerns will be identified and documented for integration into the City's project management tool. These sessions will produce a final City-specific project plan that is clearly defined and agreed to by all parties.

Project Kick-Off

With plans developed and project leadership in consensus about the work ahead, E Source will assist the City in preparing and executing the official project kick-off meeting.

This meeting will set the tone for the project through strong support from the City's executive management team and provide the team with a high-level vision of the work path ahead.

**Project Management Major Activities**

E Source will assign a full-time Project Manager (PM) on behalf of the City, acting as the City's representative from vendor's perspective and reporting directly to the City Project Director. We work for the City, not the vendor.

The following sections provide a general description of the various E Source PM activities, responsibilities, and deliverables to be provided throughout the project.

#### Day-to-Day Project Management

The E Source PM, reporting directly to the City's Project Director, will oversee both the City and vendor teams' daily activities, providing guidance directly to the City staff and indirectly to the vendor team through the vendor PM.

In this capacity, the E Source PM will:

- Make day-to-day tactical project management decisions required to manage the project efficiently
- Oversee and ensure project schedule adherence
- Oversee and ensure project budget adherence
- Manage internal project team communications using NavigateOne™ tools
- Ensure that all work teams are operating under the same expectations and with the most current information

#### Project Schedule Management

NavigateOne™ for Projects utilizes the PM industry standard Microsoft Project for the management of project schedules and work plans. E Source will develop the project schedule with input from the software vendor and support from the vendor project scheduler. The E Source Project Manager will manage the project schedule throughout the implementation with input from the vendor and support from the Project Scheduler.

Throughout the City's project, the E Source PM will conduct weekly planning meetings to review and plan for upcoming project activities of both the vendor and the City teams. These meetings will examine the project activities, their dependencies, and the resources required to successfully support the current implementation phase. The E Source PM will track progress against the plan and assess, based on objective criteria, to determine if any corrective action is necessary.

The project schedule will be created by the Project Manager and the software vendor at a level of detail that can be reasonably evaluated and managed by E Source, the City, and the vendor. The project scheduler will maintain the project schedule at the direction of the Project Manager. Tasks will typically be developed for weekly work goals and resources leveled to ensure a manageable but steady pace of progress. Detailed planning of next-batch activities and/or project phase will be conducted and incorporated into the project plan schedule throughout the project.

E Source reviews and manages the schedule like an accountant's ledger, to support the management of the tasks, people, estimated work and actual work at a task level. We also validate that the individual team members are not allocated more work than can be completed, only then can you manage a schedule.

#### **Project Assessment and Risk Management**

Although the E Source PM will be engaged in the details of the project daily, it is important to step back and take a broader look at the project as a whole.

Project risks are identified, documented, and managed via NavigateOne™ project tools. Depending on the specifics of the risks identified, the E Source PM will assign appropriate project team members to assess and develop plans to address the risks as necessary. Some of the key areas of risk review will include:



- Project schedule adherence
- Vendor contract adherence
- Scope management
- Project risk, issue, and defect logs maintained via E Source's PM tools
- Staffing
- Budget adherence
- Deliverable quality and schedule
- Training
- Quality assurance issues

### Metric Examples

Project management metrics are tracked, monitored, and reported monthly, as these can be warning signs or indicators of project health:

#### Issues, questions, decisions, action items

- Total number reported
- Number currently open
- Age of open items
- Average time to close

Based on our experience, we know when the number of open issues, questions, decisions and action items should grow, when we should begin to see a decline in the rate at which new items are being reported, and the rate at which items should be closed. We know when to expect the number of items being closed to surpass the number being opened and if that doesn't happen, we recognize it as a warning sign.

#### Risks

- Total number reported
- Number currently active
- Number not yet addressed

Based on our experience, we have a keen sense of the number of risks to expect to be documented and addressed at each point in the project. Not enough? Perhaps the team has not sufficiently analyzed potential risks. More than normal? This can be a warning sign that the project has less than optimum probability of success.

#### Changes (formal Change Requests)

- Total number
- Number currently open, approved, and rejected
- Total cost and time impact of approved changes

Again, based on our experience we know the expected number and timing of change requests and can be alert if too many or too few changes are being identified. (Too few formal change requests are a warning sign that changes are not being documented and properly evaluated and approved.)

In addition, throughout the project, phase-specific metrics are gathered and evaluated, including (but not limited to):

- Number of analysis sessions planned and completed
- Number of requirements covered in analysis sessions
- Number of modifications identified, approved, designed, and delivered
- Conversion balancing metrics
- Number of test cases written, executed, passed, or failed
- Number of requirements covered in test cases and passed or failed
- Number of defects identified, resolved, retested, closed (by severity and type)
- Number of training modules planned and written
- Number of training classes delivered
- Number of people trained
- Number of post Go-Live defects reported, resolved, retested, and closed (by severity and type)

#### Sample Issue Charts

### **Reporting**

---

Following the project assessment each month, the E Source PM will prepare a detailed report that outlines the overall status of the City's project as well as project successes worth noting and specific risks that need to be addressed. The E Source PM will, based on discussions with the City and vendor project teams and the Project Director, include recommendations in the report for mitigating risks, correcting issues, and generally improving project execution.

The monthly project review and recommendations report will then be presented during the Steering Committee's monthly meetings, giving committee members an accurate representation of project progress from which to make informed, confident decisions.

In addition to this regular reporting, the E Source PM will also present or assist the City staff in presenting project status information to the City executive staff and/or Board as deemed necessary by the City.

### **Vendor Deliverable/Contract Management**

The E Source PM will manage the review and approval processes for vendor deliverables, as defined in the City's SOW with the vendor. This oversight will also include the vendor contract, with variances elevated as needed to the City Project Director, and Steering Committee.

The E Source PM will review the vendor project deliverables associated with payments, vendor activities, and milestones and provide feedback to the City regarding those project components. If the E Source PM believes any of these project components are not compliant with the project statement of work, the E Source PM will provide notice to the City of such non-compliance.

Any changes to the scope of the project and/or contracts between the City and vendor will be managed by the E Source PM via NavigateOne™ change control methods.

Should any project issues need to be escalated beyond the internal bounds of the project, E Source will provide specific support to the City project leadership in communicating the issues and working toward a favorable resolution. It is important to note, however, that any such issues are unlikely as they would be identified and addressed by E Source long before requiring this level of attention.



## Testing Leadership

At a high level, E Source's Testing leadership services ensure that the system the City was promised, signed a contract for, and is paying for, is the system you implemented.

The E Source Testing Lead will provide overall leadership for the City-side of the testing responsibilities. The Testing Lead will oversee the vendor testing deliverables as well as lead all the City specific test team activities. Key activities the E Source Test Lead will lead are the Test Strategy, Test Design and Planning, Test Execution, Defect Management and Vendor Defect Solution Resolution process. The E Source Test lead will also guide the City team members in regard to how to be a tester, make testing assignments, monitor day-to-day assignments and provide general test guidance to the team members assigned to the testing efforts .

### Testing Lead Deliverables:

- Develop the overall testing strategy for the Project
- Develop the individual test plans for the Project
- Lead and manage all aspects of testing
- Work with the Project Manager to create the testing schedule
- Create and manage the assignment of testing activities
- Lead testing execution processes
- Ensure the testing process is completed according to the project schedule
- Oversees the delivery of the vendor configuration and code delivery
- Lead the creation of the traceability matrix to validate each requirement is covered by a test case to ensure configuration is accurate
- Lead the test script design process
- Track and manage all testing issues until through resolution
- Report testing status and issues to the Project Manager
- Oversee and manage the vendor testing deliverables
- Lead the City's Project Team and vendor in developing, documenting, and incorporating test scenarios, cases, and scripts to assure complete and accurate functionality of the system(s) and its corresponding interfaces
- Coordinate all testing
- Coordinate with the vendor for the completion of all system testing, including the development of user acceptance (UAT) scripts.

### Testing Leadership Major Activity Descriptions

E Source's Testing Lead will serve as the full-time Test Lead on behalf of the City acting as the City representative from the vendor's perspective and will be responsible for leading the overall testing approach and will report to the E Source PM. The Test Lead will be a "hands on" team member in addition to being a mentor to the testers, an advisor to the vendor's team, and a communicator of product quality to the project management team.

#### Planning and Requirements Gathering

The E Source Test Lead will lead planning meetings, scheduled at the convenience of the City to develop a testing strategy for the project. The resulting test strategy will include the goals, objectives, metrics, high-level scope, activities, training, and ultimately the requirements for each test phase of the project.



The Test Lead will develop a detailed test plan consistent with the vendor's test plan, defining how the system will be tested to make sure it will meet the daily needs of the City. The plan will provide detailed information about each test cycle as well as the defect management plan.

#### Training

The Test Lead will provide training to the City project team members to ensure they understand the project test phases, the importance of each as well as the objectives of each phase. Training will also provide the City project team members with an understanding of what should be included in Unit Test Scripts (configuration & modifications), Functional Acceptance Test Scripts, and End-to-End Test Scripts.

Training will also be provided on the defect tracking through the NavigateOne™ tool or another tool if the City has a corporate standard.

#### Design

The E Source Test Lead will lead and manage the design of all test scripts, working closely with the vendor Testing and Training Leads to ensure business process changes have been adequately covered in the end user training material.

#### Execution Management

Finally, the E Source Test Lead will manage execution of all test phases according to the approved test plan, working closely with the Vendor Test Lead.

### **Training Leadership**

One aspect of project success is measured in terms of people and efficiencies. E Source's Training Leadership framework is designed to ensure that knowledge transfer from vendor to employees happens smoothly and completely, enabling your people to perform from day one.

The Training Lead will be responsible for overseeing the Project training approach. E Source's formal training methodologies are designed to maximize the quality of the training program and will direct the City's core team members in executing training activities.

#### **Training Lead Deliverables:**

---

- Develop the overall training strategy for the Project
- Develop the overall training plans for the Project
- Lead training design processes
- Lead training execution processes
- Create and manage the assignment of training activities
- Manage development of all training materials
- Train the City's core team on approach to training
- Track and manage all training related issues
- Report training progress to the Project Manager
- Work closely with the Organizational Change Management (OCM) team to ensure all OCM analysis is utilized to support the best possible training approach
- Oversee and manage the vendor training deliverables
- Manage the definition and mapping of business processes from current system to new application



- Provide training, documentation, and oversee the development of course material for all functional and technical users.

## **Training Leadership Major Activities Description**

### Planning & Requirements Gathering

The E Source Training Lead will lead weekly training planning meetings, scheduled at the convenience of the City, to support the development of the overall training strategy and approach. The training consultant will also participate in key requirements gathering sessions early in the project to ensure the City specific requirements have been included in all training activities. The training plan will be developed in conjunction with the City and vendor teams and will include defining initial activities.

Using the approved training strategy, the E Source Training Lead, with support of the City, will develop a Project training plan that sets forth the methods of testing that will be used in the Project training phases. The E Source Training Lead will be responsible for selecting the appropriate media and materials that deliver course content to the end user that is understandable and readily accessible.

### Training Material Development

The E Source Training Lead will work closely with and guide the City training team during development of materials, providing support as needed in the development of the training development phase.

The E Source Training Lead, with the support of the Vendor and the City will oversee the development of the training materials utilizing the vendor's base training materials and based on the City's business processes and training needs. The E Source Training Lead will facilitate the piloting and testing of the developed training material to validate the content is understandable and applicable to the City's end users. The E Source Training Lead will be responsible for evaluating and managing the updates necessary to the training materials after the piloting phase. The final version of the training material shall be submitted to the E Source PM and the City for approval.

The E Source Training Lead will facilitate and lead weekly training development meetings to gather information from subject matter experts and/or the Vendor for the development of the training materials. The E Source Training Lead is responsible, in conjunction with the City, to determine the required members for each training development meeting. The Training lead will develop an agenda for the training development meetings and will be submitted to the City prior to the scheduled meeting.

The agenda shall communicate the specific topics for discussion to ensure the City can make available the appropriate SME. The Lead will provide guidance regarding best practices for the development and execution of training end users for the application(s).

### Support

The E Source Training Lead will facilitate and/or participate in key requirement analysis and design review sessions.

### Execution Management

The E Source Lead will be responsible for supporting the City by driving the training approach throughout the project, making tactical decisions, as appropriate. This includes assisting in the development of tools and other materials required to support the training portion of the project.

The E Source consultant will work closely with the Vendor and the City training team to ensure business process changes are included in the end user training material.

The Lead will also track the progress of all training activities and resource requirements.

## Organizational Change Management Leadership

The E Source Organizational Change Management (OCM) Lead will be very experienced in formal OCM methodologies designed to streamline the City's transition to the processes and technologies resulting from the Project. The OCM Lead will direct the City's core team members in executing the OCM activities.

### Organizational Change Management Lead Deliverables:

- Develop the overall OCM strategy for the Project
- Develop the individual OCM plans for the Project
- Create and manage the assignment of OCM activities
- Train the City's Core team on the approach to OCM
- Lead the OCM activities and processes
- Define the communications approach for internal and external communications
- Work with City's communication division to ensure conformance to the City's processes and procedures
- Work with the Project business process team to gain a thorough understanding of the City's processes
- Track and manage all OCM related issues
- Identify and educate the key stakeholders
- Report OCM progress to the Project Manager
- Work closely with the Training team to ensure all OCM analysis is utilized to support the best possible training approach
- Oversee and manage the vendor training and OCM deliverables
- Facilitate resolution of identified organizational change issue
- Plan and manage pre-go-live organizational readiness activities
- Prepare the City for the cut-over to the new system
- Manage post go-live adaptation challenges

### OCM Major Activity Descriptions

#### Planning

The E Source OCM Lead will establish and lead planning meetings, scheduled at the convenience of the City, to develop a high-level OCM strategy and framework for the project. This plan will be developed in conjunction with the City and vendor and will include defining initial activities, and stakeholder analysis.

The overall OCM framework for change to be implemented throughout the City's project will consist of the following five key work streams:

- Stakeholder Management, Engagement, and Support
- Organizational Readiness Support and Active Lead Activities Participation
- Organizational Alignment Support and Active Lead Activities Participation
- Communications Lead Activities Support and Provide General Recommendations



## ■ Training Lead Activities Support and Provide General Recommendations\_

### Communication

The OCM Lead will develop a communication plan that documents the methods of communication that will be targeted to specific stakeholders and groups as well as the vehicle to be used in delivery. Examples of communication methods are:

Meetings, e-mail, the City's internal website. This plan will address both internal and external communications. This plan will be provided in MS Word, Excel and/or other formats as agreed by E Source and the City. The OCM lead will update this plan as needed. The Communications Plan will serve as a detailed road map for communications throughout the project, including details on communication events, channels, vehicles, key messages, senders, audience, timing, deployment dates, objectives, and assumptions. For CSS projects, communication plans with your clients is important in order to inform them about the pending portal change.

### Support

The E Source OCM Lead will facilitate and/or participate in key requirement analysis and design review sessions. The OCM Lead will assist the City in managing organization changes and workforce alignment based on the new business processes.

The E Source OCM Lead will participate in communication planning meetings as well as the on-going communication process. The E Source OCM Lead will assist the City in managing the communication process, including the following tasks:

- Identify, develop, and deliver end user training curricula and materials to prepare people for change related to roles, business processes, technologies, policies, and procedures
- Determine and develop a support structure and reference tools for end-users post-Go Live based on training materials developed and delivered throughout the project
- The OCM Lead will work with the City to make sure impacts to technologies, policies, behaviors, and roles documented in the Organizational Impact Analysis are addressed in training.

### Execution Management

The E Source OCM Lead will be responsible for driving the organizational readiness approach throughout the organization, making tactical decisions, as appropriate. This includes assisting in the development of tools and other materials required and supporting the City Communication team with the management of the change agent network. The E Source OCM Lead will validate the effectiveness of the organizational change readiness approach through surveys mutually developed by the City and E Source of various the City departments conducted at key points during the project as determined by E Source OCM Lead and the City Project Manager. Survey results could result in changes to or additional activities to the approved plan.

The E Source OCM Lead will work closely with the vendor, the City Training Lead, and the City Trainers to ensure business process changes are included in the end user training material.

The E Source OCM Lead will drive the communication management approach throughout the organization, making tactical decisions, as appropriate. This includes assisting in development of tools and other materials required, and management of communications.

EXHIBIT “B”

# TAB F:

## Cost Proposal for Assessment & Procurement

E Source understands the importance our clients place on fiscal responsibility. The financial and political fallout of a poorly planned, runaway project are unacceptable outcomes.

For this reason, we offer straightforward, fixed-fee milestone based pricing that diminishes financial risk, allowing you to move forward with confidence. The proposed resources will work with the city to complete all of the defined deliverables. Our services fees are based upon milestone payments for completed deliverables where the City of Roseville pays nothing until the milestone deliverable is reviewed and accepted by City of Roseville.

| PAYMENT MILESTONE NUMBER | DELIVERABLE PAYMENT                                                | MILESTONE PAYMENT AMOUNT (USD) |
|--------------------------|--------------------------------------------------------------------|--------------------------------|
| 1                        | iCue for Selection - Installation and Training                     | \$17,250                       |
| 2                        | Project Charter and Strategy Document                              | \$17,250                       |
| 3                        | CSS Educational Workshop                                           | \$17,250                       |
| 4                        | Roseville specific CSS Business Requirements Catalog               | \$17,250                       |
| 5                        | Organizational Staffing Assessment                                 | \$17,250                       |
| 6                        | RFP Template Document                                              | \$17,250                       |
| 7                        | Final RFP Document                                                 | \$17,250                       |
| 8                        | Conduct Vendor Discovery Sessions / Pre-Bid Meeting                | \$17,250                       |
| 9                        | All Functional Scores and Project Solution Costs                   | \$17,250                       |
| 10                       | Roseville specific Product Demonstration Scripts                   | \$17,250                       |
| 11                       | Completion of Vendor Demonstrations                                | \$17,250                       |
| 12                       | Selection of Preferred Vendor                                      | \$17,250                       |
| 13                       | NavigateOne™ Statement of Work Development                         | \$18,050                       |
|                          | <b>Total Fixed-Fee for CSS Assessment and Procurement Services</b> | <b>\$225,050</b>               |

### Travel and Living Expenses

Travel and Living Expenses included in above fixed fee.



## Optional Implementation and Deployment Phase Costs

For the Optional Implementation and Deployment phase cost information requested, E Source has outlined cost information by resource and tool categories. Implementation costs are directly correlated to the software vendor's implementation methodology and timeline. Using fixed monthly fees, we have attempted to outline our cost to allow the City to evaluate our cost based a specific implementation timeline.

### Optional Implementation and Deployment

The City requested cost information for the optional implementation and deployment phase. Implementation leadership and support costs are highly dependent upon the vendors implementation methodology and timeline. As the City has not made its decision for a specific CSS vendor, we do not know the implementation timeline that will be agreed to for the implementation. In order to be responsive, we have outlined the cost for the expected services. We have also included Testing Leadership, should it be needed by the City. E Source is proposing fixed monthly fees to enable the City to understand our costs. We believe this approach provides the City with the information necessary and the flexibility to determine which roles it will fill internally and where it will benefit with E Source leadership, and the cost of those services.

The City is requesting the following services.

- Work with the City and vendor(s) to ensure appropriate implementation planning
- Assist the City in managing the vendor(s) during deployment, ensuring the vendor(s) complete all necessary tasks to achieve the goals identified in the assessment phase of the project.

The above activities will be provided by our Program/Project Management services. "Work with the City and vendor(s) to ensure appropriate implementation planning" will start in our negotiation of the NavigateOne™ Statement of Work and will carry forward to the development of the Project Plan and development of the project schedule. The Project Manager will then lead the City Project Team and manage the implementation vendor through the CSS deployment. The cost for our Program Management Suite is provided below. Our Project Management services have been outlined in section Optional Implementation and Deployment Phase starting on page 55.

- Perform change management and training duties as necessary

E Source has outlined the fixed monthly fees for Organizational Change Management and Training Leadership Services below. We have also included pricing for Testing Leadership services, if needed. The services E Source will provide in these areas have been outlined in Optional Implementation and Deployment Phase starting on page 55.

### NavigateOne™ Program Management Suite

As a professional software project management company, E Source has developed strong PMO and project management tools to support our project managers and utility clients' software implementation projects. As mission-critical projects are high-risk, we know that a project manager needs the right methodology and tools for project success. To position our clients and their projects for success, E Source provides our clients with the NavigateOne™ Program Management Suite. The NavigateOne™ Program Management Suite arms our Project Manager with the necessary tools and support to effectively manage and execute for our clients' projects (e.g., proven methodology, tools, templates, software, executive support).

Included in the NavigateOne™ Program Management Suite are the below Project Management services, NavigateOne™ Methodology, tools, and executive support.

E Source's Project Management fees are billed on a monthly basis as a fixed-fee . The Project Manager is a full-time resource dedicated to the City's project, acting as the City's Project Manager. The E Source Project Manager will execute the agreed upon City Statement of Work with the vendor for the fixed monthly fee. This monthly fixed-fee will be charged for the number of months that the City desires to have E Source engaged providing Program/Project Management services.

#### Program Management Suite Fee

|                                                                |                 |
|----------------------------------------------------------------|-----------------|
|                                                                |                 |
| Program Management Suite Fee                                   | \$34,000        |
| Full-time Project Manager                                      | Included        |
| Project Management Office Support                              | Included        |
| NavigateOne™ Project Portal                                    | Included        |
| E Source Executive Oversight Support                           | Included        |
| <b>Monthly Fixed-Fee for Program Management Suite Services</b> | <b>\$34,000</b> |

E Source is proposing that travel and living expenses be billed as-incurred.

#### iCue Enterprise Project Management (EPM) for Implementation

|                                                                |                |
|----------------------------------------------------------------|----------------|
|                                                                |                |
| <b>Monthly Fixed-Fee for iCue EPM Suite for Implementation</b> | <b>\$3,900</b> |

#### iCue EPM for Implementation Assumptions

- Client payment for iCue EPM for Implementation will begin the first day of the month following vendor contract execution
- iCue requires a properly licensed SharePoint On-Line (Office 365).
- iCue features will be configured to support the project based on specific needs as determined by the **PMO**.
- Training is limited to one week on-site and will train up to thirty (30) users . There will be up to three sessions of this training course within one business week
- iCue will be uninstalled upon termination of monthly services



**Source**

PROPOSAL TO: City of Roseville, California

**Training Lead (Optional)**

|                                        |                             |
|----------------------------------------|-----------------------------|
|                                        |                             |
| <b>Training Leadership and Support</b> | <b>Full-time   \$32,000</b> |

E Source bills travel and living expenses as-incurred .

**Organizational Change Management (Optional)**

|                                                                |                             |
|----------------------------------------------------------------|-----------------------------|
|                                                                |                             |
| <b>Organizational Change Management Leadership and Support</b> | <b>Full-time   \$32,000</b> |

E Source bills travel and living expenses as-incurred.

**Test Lead (Optional)**

|                                       |                             |
|---------------------------------------|-----------------------------|
|                                       |                             |
| <b>Testing Leadership and Support</b> | <b>Full-time   \$32,000</b> |

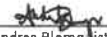
E Source bills travel and living expenses as-incurred.

If the City decides to utilize E Source services for more than the Program/Project Management role, E Source will provide additional discounts to the proposed pricing, based on the total number of services.

For example:

If the City chooses to use E Source for Program/Project Management and one additional "Optional Services," an additional discount will apply.

If the City chooses to use E Source for Program/Project Management and two additional "Optional Services," an additional discount will apply.

**Signature:**   
 Andrea Blomquist (Jul 19, 2023 12:39 PDT)  
**Email:** ablomquist@roseville.ca.us

**Signature:**   
 Eric Campbell (Jul 19, 2023 14:46 PDT)  
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**Signature:**   
 Shawn Matchim (Jul 19, 2023 15:34 PDT)  
**Email:** smatchim@roseville.ca.us

# Memo - PSA

Final Audit Report

2023-07-19

|                 |                                              |
|-----------------|----------------------------------------------|
| Created:        | 2023-07-19                                   |
| By:             | Lynn Garcia (lcgarcia@roseville.ca.us)       |
| Status:         | Signed                                       |
| Transaction ID: | CBJCHBCAABAAigRAn_b3UAoGKDy5nsiWqe91SKNwzNZ5 |

## "Memo - PSA" History

-  Document created by Lynn Garcia (lcgarcia@roseville.ca.us)  
2023-07-19 - 6:54:59 PM GMT
-  Document emailed to Andrea Blomquist (ablomquist@roseville.ca.us) for signature  
2023-07-19 - 6:56:56 PM GMT
-  Email viewed by Andrea Blomquist (ablomquist@roseville.ca.us)  
2023-07-19 - 7:39:09 PM GMT
-  Document e-signed by Andrea Blomquist (ablomquist@roseville.ca.us)  
Signature Date: 2023-07-19 - 7:39:49 PM GMT - Time Source: server
-  Document emailed to Eric Campbell (ecampbell@roseville.ca.us) for signature  
2023-07-19 - 7:39:50 PM GMT
-  Email viewed by Eric Campbell (ecampbell@roseville.ca.us)  
2023-07-19 - 9:45:11 PM GMT
-  Document e-signed by Eric Campbell (ecampbell@roseville.ca.us)  
Signature Date: 2023-07-19 - 9:46:47 PM GMT - Time Source: server
-  Document emailed to Shawn Matchim (smatchim@roseville.ca.us) for signature  
2023-07-19 - 9:46:48 PM GMT
-  Email viewed by Shawn Matchim (smatchim@roseville.ca.us)  
2023-07-19 - 10:33:27 PM GMT
-  Document e-signed by Shawn Matchim (smatchim@roseville.ca.us)  
Signature Date: 2023-07-19 - 10:34:27 PM GMT - Time Source: server
-  Document emailed to Daniel Beans (dcbeans@roseville.ca.us) for signature  
2023-07-19 - 10:34:29 PM GMT

 Email viewed by Daniel Beans (dcbeans@roseville.ca.us)  
2023-07-19 - 10:49:07 PM GMT

 Document e-signed by Daniel Beans (dcbeans@roseville.ca.us)  
Signature Date: 2023-07-19 - 10:49:21 PM GMT - Time Source: server

 Agreement completed.  
2023-07-19 - 10:49:21 PM GMT



## COUNCIL COMMUNICATION

**CC #: 2863**

**File #: 0704 & 1001**

**Title:** Sierra Vista Specific Plan Parcel WB-52 Park Abandonment

**Contact:** Greg Bitter 916-774-5294 gbitter@roseville.ca.us

**Meeting Date: 8/16/2023**

**Item #: 6.19.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution declaring its intention to abandon Sierra Vista Specific Plan (in the Westbrook area) Parcel WB-52 as a City Park and setting a public hearing for September 20, 2023.

### BACKGROUND

The proposed park to be abandoned is located on Parcel WB-52 in the northwestern portion of the Sierra Vista Specific Plan (SVSP) (see Attachment 1: Vicinity Map). The 1.5-acre parcel was dedicated to the City of Roseville as a public park as part of the adoption of the Westbrook portion of the SVSP. WB-52 was not conveyed through a grant deed to the City, but rather dedicated on a recorded map. Title remains with the current private landowner of WB-52. This means the City does not own WB-52 in fee simple. The SVSP was approved on May 20, 2010 (File #2007PL-044) and includes 2,064 acres west of Fiddymont Road and north of Baseline Road and includes approximately 105 acres of land designated for parks.

As a result of land use amendments and rezones that were approved with Westbrook Phase 2 and 3 (File #PL13-0318), Parcel WB-52 is surrounded by two High Density Residential (HDR) parcels with an Open Space parcel to the north. The City Parks, Recreation & Libraries staff evaluated Parcel WB-52 for its intended use as a City park and determined the site is challenging because of its small size and limited public access. Given the location of the park, the benefit to the overall Westbrook area would be minimal as it would primarily serve the residents of the adjacent HDR parcels. However, the HDR parcels are owned by a private developer that will be providing on-site recreational amenities including outdoor areas for residents of the multi-family project.

With the park abandonment, the City would be receiving the fair market value of Parcel WB-52, as a park in-lieu of land fee, and these funds would go towards the improvement of other parks in the Westbrook portion of the SVSP area. The City Parks, Recreation & Libraries staff have determined that enhancing the amenities at these other nearby parks would provide a benefit to a greater number of residents within the Westbrook area than development of WB-52 as a 1.5 acre park. While this abandonment of WB-52 for use as a park does decrease the total neighborhood

park acreage in the SVSP by 1.5 acres, the proposal remains consistent with the City's General Plan Policies related to Parks and Recreation. General Plan Policy PR1.4 states that: "The City will consider payment of in-lieu fees for both development and parkland as an alternative to dedication of land in order to achieve the parkland standard."

## PARK ABANDONMENT

California law allows a municipality to abandon all or any portion of a park and sell the land pursuant to procedures set forth in the Municipal Park Abandonment Law of 1939, set forth in California Government Code Sections 38501-38510 (the "Municipal Park Abandonment Law"). The Municipal Park Abandonment Law provides a two-step process for a city to abandon a park and sell the park land. Preliminarily, however, the City Council must make the following findings as it relates to all or any portion of the purported park: (1) the land has not been used by the public for park purposes; (2) no consideration has been paid for the land except by the city; (3) no public funds have been expended to improve the land as a park; and (4) the land was dedicated for park purposes by the recording of a plat or map with the County Recorder. In the case of SVSP Parcel WB-52, the land was dedicated to the City via the final large lot subdivision map of Westbrook Phases 2 and 3 by the Westbrook developers as required by the development agreement for the Westbrook area, has not been used by the public for park purposes, no consideration was paid for the land and no public funds have been expended to improve the park. SVSP Parcel WB-52 is therefore eligible to be abandoned in accordance with the two-step process found in the Municipal Park Abandonment Law.

The first step in abandoning the SVSP Parcel WB-52 park site is for the City Council to adopt a resolution of intention, describing the park to be abandoned and setting a time, at least 30 days after adoption of such a resolution of intention, when it will meet to take final action. The attached resolution of intention describes SVSP Parcel WB-52 as the park to be abandoned and sets September 20, 2023 at 6:00 p.m. as the date when the Council is scheduled to take final action regarding the abandonment. It should be noted that since the City does not own WB-52 in fee simple, and that title remains with the private landowner, the City would be abandoning the dedication of WB-52 (for parks and recreation purposes) and WB-52 would remain with the private landowner, who anticipates using the site to develop affordable housing.

If the Council approves the resolution of intention, the resolution will be published in a newspaper of general circulation in the city for three consecutive weeks prior to September 20, 2023 and will be posted in no less than four places along the boundaries of SVSP Parcel WB-52. At the September 20, 2023 hearing, the City Council shall hear any objections to the abandonment of the park. At the conclusion of the hearing, the City Council may either terminate the abandonment proceedings or order the park to be abandoned and permit the land to be developed.

## FISCAL IMPACT

As part of the park abandonment, the City will be receiving the fair market value of the WB-52 property. Therefore, there will be no negative fiscal impact to the City's General Fund.

## ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in

a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Adoption of this resolution of intention meets the above criteria and is not subject to CEQA. No additional environmental review is required.

#### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal D - Enhance economic vitality

Respectfully Submitted,

Greg Bitter, Planning Manager

Mike Isom, Development Services Director



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Dominick Casey, City Manager

#### **ATTACHMENTS:**

##### Description

Resolution 23-334

Attachment 1 Vicinity Map

RESOLUTION NO. 23-334

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE  
DECLARING ITS INTENTION TO ABANDON  
SIERRA VISTA SPECIFIC PLAN PARCEL WB-52 AS A CITY PARK  
AND SETTING A PUBLIC HEARING FOR SEPTEMBER 20, 2023

WHEREAS, the land commonly referred to as Sierra Vista Specific Plan (“SVSP”) Parcel WB-52 (as described in Exhibit “A” attached hereto and incorporated herein by this reference) (hereinafter “Parcel WB-52”) is currently owned by Pine Island Apartments, LLC, but had been dedicated to the City of Roseville (the “City”) on the final large lot subdivision map of Westbrook Phases 2 and 3, which was recorded with the Placer County Clerk Recorder; and

WHEREAS, Parcel WB-52 was dedicated to the City as a park and was intended to be developed as a 1.5 acre neighborhood park; and

WHEREAS, after planning for this park, it was discovered that Parcel WB-52 is challenged by a lack of infrastructure, its small size, and limited public access (it is not adjacent to any public roadways). Given the location of the park, the benefit to the overall Westbrook area would be minimal, as it would primarily serve the residents of the adjacent High Density Residential parcels (where on-site recreational amenities are already planned by the developer of those sites); and

WHEREAS, with the park abandonment, the City would be receiving the fair market value of Parcel WB-52, as a park in-lieu of land fee, and these funds could go towards the improvement of other parks in the Westbrook portion of the SVSP area. The City Parks, Recreation & Libraries staff have determined that enhancing the amenities at these other nearby parks would provide a benefit to a greater number of residents within the Westbrook area than development of Parcel WB-52 as a 1.5 acre park; and

WHEREAS, the Municipal Park Abandonment Law of 1939 (California Government Code Sections 38501-38510) allows a municipality to abandon all or any portion of a park and sell the land pursuant to certain procedures; and

WHEREAS, pursuant to California Government Code Section 38501, the City Council must make the following findings as it relates to all or any portion of the park site to be abandoned: (1) the land has not been used by the public for park purposes; (2) no consideration has been paid for the land except by the city; (3) no public funds have been expended to improve the land as a park; and (4) the land was dedicated for park purposes by the recording of a plat or map with the County Recorder; and

WHEREAS, in the case of Parcel WB-52, these findings can be made since the land was dedicated to the City through the recordation of the final large lot subdivision map of Westbrook Phases 2 and 3, it has not been used by the public for park purposes, no consideration was paid for the land, and no public funds have been expended to improve the park; and

WHEREAS, the City does not own Parcel WB-52 in fee simple and title remains with the private landowner. The City would be abandoning its right to accept the dedication of WB-52 (for parks and recreation purposes) and title to Parcel WB-52 would remain with the private landowner, who anticipates using the site to develop affordable housing.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that

1. The City Council finds that all of the foregoing recitals are true and correct and are hereby incorporated and adopted as findings of the City Council as if fully set forth herein.
2. The City Council hereby declares its intention to abandon Parcel WB-52 (as described in Exhibit "A" attached hereto and incorporated herein by this reference) as a City park.
3. The time and place for the public hearing on the abandonment of Parcel WB-52 as a City park are set for 6:00 PM on September 20, 2023, at the City Council Chambers located at 311 Vernon Street, Roseville, CA 95678. The City Council may continue the public hearing from time to time.
4. The City Clerk is directed to publish this Resolution once a week for three successive weeks in a newspaper of general circulation published in the City prior to the date set herein for the public hearing. Furthermore, City staff is directed to cause a copy of this Resolution to be posted in at least four conspicuous places, not more than 100 feet apart, along the boundaries of Parcel WB-52.
5. At the public hearing, the City Council will hear and consider any objections to the proposed abandonment of Parcel WB-52 as a City park, and any interested person will be permitted to present written or oral testimony.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

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MAYOR

ATTEST:

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City Clerk



EXHIBIT "A"

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE CITY OF ROSEVILLE, IN THE COUNTY OF PLACER, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

Lot 2, as shown on that certain map, entitled 'Final Map, Westbrook Phases 2&3, Large Lot Subdivision, Subdivision No. PL13-0318'. Filed for record December 8, 2016, in Book DD of Maps, Page 79, Placer County Records.

APN: 496-100-028-000.

# Vicinity Map

# ATTACHMENT 1



7/24/2023, 2:15:29 PM

Land Use Boundary

LDR

MDR

HDR

CC

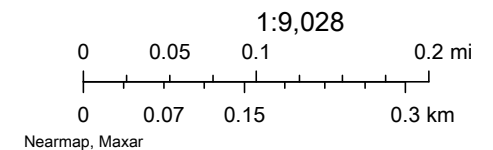
OS

PR

P/QP

Roseville Parcel

Roseville Street Label





## COUNCIL COMMUNICATION

CC #: 2856

File #: 0102-04 & 0201-01

**Title:** Council Discretionary Funds - Budget Adjustment  
**Contact:** Melissa Lipp 916-774-5268 mllipp@roseville.ca.us

Meeting Date: 8/16/2023

Item #: 6.20.

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt an ordinance approving a budget adjustment in the amount of \$19,322 to carry forward \$4,322 of unspent FY2022-23 Discretionary Funds for use in FY2023-24 and to appropriate \$15,000 of the annual earnings from the Citizen's Benefit Fund for the FY2023-24 allocation to the Council Discretionary Funds.

### BACKGROUND

The Citizens' Benefit Fund was established in 1993 with the net proceeds from the sale of the Roseville Hospital. The City Council may, after receiving the recommendation of the Roseville Grants Advisory Commission, annually appropriate up to 90 percent of the annual earnings of the Citizens' Benefit Fund for the purpose of improving the quality of life for the citizens of the City of Roseville. The City Council, without the recommendation of the Roseville Grants Advisory Commission, may annually appropriate a minor amount up to \$15,000 of the annual earnings for the purpose of improving the quality of life in Roseville.

### FISCAL IMPACT

There is no fiscal impact to the City's General Fund. Annually, the Assistant City Manager/Chief Financial Officer allocates \$15,000 of the annual earnings on the Citizens' Benefit Fund per section 4.06.040 in the Municipal Code and includes it in the annual budget along with the Citizens' Benefit Fund resources available for appropriation each year. These earnings are restricted for the purpose of improving the quality of life for Roseville residents and appropriated by the City Council.

### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines

§15060(c)(3) and §15378. Approval of a budget adjustment meets the above criteria and is not subject to CEQA. No additional environmental review is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal B - Support community engagement and advocacy

Respectfully Submitted,

Melissa Lipp, City Clerk Technician

Carmen Avalos, City Clerk



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Dominick Casey, City Manager

**ATTACHMENTS:**

**Description**

Ordinance 6700

Budget Adjustment

ORDINANCE NO. 6700

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE  
AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2023-24  
BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY  
EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2023-24, is hereby amended as listed on the attached budget adjustment to carry forward unappropriated Discretionary Funds from Fiscal Year 2022-23.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this \_\_\_\_\_ day of \_\_\_\_\_, 2023, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
City Clerk





## REQUEST FOR BUDGET ADJUSTMENT

REQUESTER NAME & TITLE: Melissa Lipp, City Clerk Technician FISCAL YEAR: FY2024  
 PREPARER NAME & TITLE: Melissa Lipp, City Clerk Technician COUNCIL DATE (if applicable): 8/16/2023  
 DEPARTMENT/DIVISION: City Clerk ORDINANCE: \_\_\_\_\_

### EXPENDITURES/EXPENSES/TRANSFERS OUT

| ACCOUNT STRING |         |        |         | BUDGET (\$)  | DESCRIPTION                                                                                                    |
|----------------|---------|--------|---------|--------------|----------------------------------------------------------------------------------------------------------------|
| Fund           | Account | Center | Project | Adjustment   |                                                                                                                |
| 3901           | 5570    | 54091  | 000000  | \$ 4,322.00  | Citizens Benefit Fund - Council Discretionary Funds FY23 to FY24 balance carryforward<br><b>FUNCTION-30504</b> |
| 3901           | 5570    | 54091  | 000000  | \$ 15,000.00 | Citizens Benefit Fund - Council Discretionary Funds FY24 budget - <b>FUNCTION-30504</b>                        |
|                |         |        |         |              |                                                                                                                |
|                |         |        |         |              |                                                                                                                |
|                |         |        |         |              |                                                                                                                |
| TOTAL          |         |        |         | \$ 19,322.00 |                                                                                                                |

### REVENUES/TRANSFERS IN

| ACCOUNT STRING |         |        |         | BUDGET (\$) | DESCRIPTION |
|----------------|---------|--------|---------|-------------|-------------|
| Fund           | Account | Center | Project | Adjustment  |             |
|                |         |        |         |             |             |
|                |         |        |         |             |             |
|                |         |        |         |             |             |
|                |         |        |         |             |             |
|                |         |        |         |             |             |
| TOTAL          |         |        |         | -           |             |

|                |        |
|----------------|--------|
| NET ADJUSTMENT | 19,322 |
|----------------|--------|

### FUND BALANCE

| ACCOUNT STRING |         |        |         | BUDGET (\$)    | DESCRIPTION                          |
|----------------|---------|--------|---------|----------------|--------------------------------------|
| Fund           | Account | Center | Project | Adjustment     |                                      |
| 3901           |         |        |         | \$ (19,322.00) | Reduce Citizens Benefit Fund balance |
|                |         |        |         |                |                                      |
|                |         |        |         |                |                                      |
|                |         |        |         |                |                                      |
|                |         |        |         |                |                                      |
|                |         |        |         |                |                                      |
| TOTAL          |         |        |         | \$ (19,322.00) |                                      |

### Justification for Budget Adjustment:

Per Roseville Municipal Code-Section 4.060.040, City Council has the authority to carry forward any unappropriated Citizens Benefit Fund Council Discretionary Funds from one fiscal year to the next. City Council action will be taken on 08/16/2023 to request the carry forward of \$4,322 from FY2023 to FY2024 and establish the FY2024 budget for \$15,000 (that was not included in the original FY2024 budget request), which will bring the Council's Discretionary Funds for FY2024 to \$19,322, allowing the Council greater flexibility on discretionary requests received in FY2024.

|                                                                                                                                                                                       |      |                           |      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------------------------|------|
| <div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: center;"> <br/> <u>7/20/23</u> </div> <div>REQUIRED APPROVALS:</div> </div> |      |                           |      |
| REQUESTING DEPARTMENT HEAD/DESIGNEE                                                                                                                                                   | DATE | BUDGET MANAGER / DESIGNEE | DATE |
|                                                                                                                                                                                       |      |                           |      |
| CHIEF FINANCIAL OFFICER / DESIGNEE                                                                                                                                                    | DATE | CITY MANAGER / DESIGNEE   | DATE |
|                                                                                                                                                                                       |      |                           |      |
| BUDGET DEPARTMENT USE ONLY:                                                                                                                                                           |      |                           |      |
|                                                                                                                                                                                       |      |                           |      |
| POSTED BY                                                                                                                                                                             | DATE |                           |      |

Revised: June 24, 2019



## COUNCIL COMMUNICATION

**CC #: 2876**

**File #: 0900-04-03 & 0201-01**

**Title:** Traffic Signal Maintenance Shop Tenant Improvement - Design-Assist Construction Agreement and Budget Adjustment  
**Contact:** Rebecca McCoy 916-774-5706 ramccoy@roseville.ca.us

**Meeting Date: 8/16/2023**

**Item #: 6.21.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council:

1. Adopt a resolution to approve a Design-Assist Construction Agreement with Carter/Kelly, Inc. for the Traffic Signal Maintenance Shop Tenant Improvement Project, and authorize the City Manager to execute it; and
2. Approve change order authority as needed up to 10% of the project; and
3. Adopt an ordinance to approve a budget adjustment for the project.

### BACKGROUND

The Traffic Signal Maintenance Section of Public Works/Engineering (Section) is responsible for the maintenance and operation of over 200 traffic signals and numerous Intelligent Transportation System (ITS) devices. A study in 2016 concluded that, based on the rate of development at that time, additional staffing will be needed in the Section to continue to meet traffic signal maintenance and operation needs as the City grows. Since that time, development has continued at a rate that meets or exceeds what was anticipated.

The existing Traffic Signal Maintenance Shop is located at 2025 Hilltop Circle in the Corporation Yard in a small 1,200 SF area next to the Street Maintenance Division. A Space Needs Study in 2016 concluded that 2,300 SF is needed for the expected growth of the Section over the next several years.

Public Works staff worked closely with Finance and Electric staff to identify space in Corp Yard Building B (2075 Hilltop Circle) to accommodate the Section's ultimate long term needs.

Design of the new space has been completed, and on February 17, 2023, staff issued a Request for Proposals soliciting Guaranteed Maximum Price (GMP) bids by Design Assist contractors. The Engineer's estimate was \$1,200,000. Carter-Kelly was the only bidder and their GMP was \$1,340,000. Despite being the only bidder and the price being above the Engineer's Estimate, it

was within an expected margin of error anticipated due to increased costs for labor and materials. Carter/Kelly, Inc. has also done numerous projects with the City and staff are comfortable that the bid reflects the actual fair market cost of the improvements.

### FISCAL IMPACT

The total project cost is approximately \$1.7 million. An additional \$513,000 is needed to fully fund project construction. The recommended budget adjustment is for \$235,000 from the Traffic Mitigation fee Fund, \$20,000 from the Transit (Local Transportation Fees) Fund, and \$258,000 from the Electric Fund for all demolition, construction, inspection and staff time. No General Fund resources will be used.

### ENVIRONMENTAL REVIEW

The proposed project involves the minor alteration and reconstruction of an existing public structure. The proposed activities are categorically exempt from CEQA as Class 1 and Class 2 Exemptions (State CEQA Guidelines Sections 15301 and 15302). The Exemption has been prepared and no further CEQA action is required.

### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

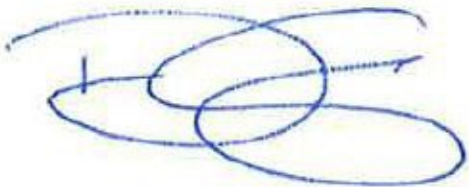
Goal E - Deliver exceptional city services

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Rebecca McCoy, Project Coordinator

Jason Shykowski, Public Works Director



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Dominick Casey, City Manager

### **ATTACHMENTS:**

Description

Resolution 23-341



Design-Assist Construction Agreement

Ordinance 6703

Budget Adjustment

CEQA Exemption

RESOLUTION NO. 23-341

APPROVING A DESIGN-ASSIST CONSTRUCTION AGREEMENT, BY AND BETWEEN  
CARTER/KELLY, INC., AND THE CITY OF ROSEVILLE, AND AUTHORIZING THE  
CITY MANAGER TO EXECUTE IT  
ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a Design-Assist Construction Agreement for the Traffic Signal Maintenance Shop Tenant Improvement Project, by and between Carter/Kelly, Inc., and the City of Roseville, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said agreement is hereby approved.

BE IT FURTHER RESOLVED that the City Manager, or his designee, is authorized to approve change orders for the project, consistent with the contract terms, provided that the net cost of all change orders shall not exceed ten percent (10%) of the contract price.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_, 2023, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
City Clerk

**DESIGN-ASSIST CONSTRUCTION AGREEMENT**  
**(PROJECT: Traffic Signal Maintenance Shop Tenant Improvement)**

This Design-Assist Construction Agreement ("Agreement") is made and entered into this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by and between the City of Roseville, a municipal corporation ("CITY") and Carter/Kelly, Inc., California corporation ("CONTRACTOR").

**RECITALS**

WHEREAS, CITY has issued a Request for Proposals pursuant to which CITY solicited proposals from design-assist contractors to construct the Traffic Signal Maintenance Shop Tenant Improvement project ("Project"); and

WHEREAS, CONTRACTOR has submitted a Proposal in response to RFP #01-065, dated March 22, 2023, attached hereto and made a part hereof as Exhibit F, and CITY has selected CONTRACTOR to provide design and construction services as set forth in this Agreement; and

WHEREAS, CONTRACTOR is ready, willing and able to perform the aforementioned services required in accordance with the terms and conditions of this Agreement; and

NOW, THEREFORE, CITY and CONTRACTOR agree as follows:

**ARTICLE 1**

**DEFINITIONS**

**1.1 "Applicable Laws"** means all laws, codes, ordinances, rules and regulations of governmental authorities having jurisdiction over the Site and/or the Work.

**1.2 "Application for Payment"** means the document prepared by CONTRACTOR and submitted to CITY showing CONTRACTOR's entitlement to progress payments, the requirements of which are more fully described in Section 5.3 hereof.

**1.3 "Architect/Engineer"** means a licensed professional(s) (and/or entity(ies)) retained by CITY, who provides architectural, design and/or engineering services as may be required by the Work. The Architect/Engineer shall be registered in the State of California and the architect and/or engineer of record for the Work pursuant to their design responsibilities. The Architect/Engineer may be substituted or replaced at the discretion of CITY.

**1.4 "Authorized Representatives"** means the Design-Assist Team and those individuals appointed by CITY and CONTRACTOR from time to time in accordance with the provisions of Section 3.1.1.

**1.5 “Business Day”** means any day when the office of the City Clerk of the City of Roseville is open for business.

**1.6 “Certificate of Substantial Completion”** means a certificate prepared by CONTRACTOR in accordance with Section 5.12 and forwarded to CITY.

**1.7 “Certificate of Final Completion”** means a certificate prepared by CONTRACTOR and forwarded to CITY stating that the Project is finally complete and that CONTRACTOR is entitled to Final Payment in accordance with Article 5 hereof.

**1.8 “Change Directive”** means a written order signed by CITY directing a change in the Work. A Change Directive shall state a proposed basis for adjustment, if any, in the GMP or Schedule. CITY may order changes in the Work within the general scope of the Contract, and a Change Directive shall be used in the absence of total agreement on the terms of a Change Order.

**1.9 “Change Order”** means a written order signed by CONTRACTOR and CITY authorizing a change in the Work, which also may adjust the GMP and/or the Schedule, and which shall constitute a Modification. The GMP and/or Schedule may be changed only by Change Order.

**1.10 “Change Proposal”** means a proposal for a Change Order submitted by CONTRACTOR to CITY, either at the request of CITY, or at CONTRACTOR's own initiative.

**1.11 “Construction Allowance Items”** [reserved]

**1.12 “Construction Documents”** means the plans and specifications prepared by the Design-Assist Team for the Project, approved by CITY, and incorporated into this Agreement by reference after such approval, to be used to construct the Project. The Construction Documents shall set forth in detail all items necessary to complete the construction of the Project in accordance with the Contract Documents (subject to their completion following commencement of the Construction Phase). All amendments and modifications to the Plans and Specifications must be approved by CITY prior to incorporation into this Agreement. CONTRACTOR's attention is hereby directed to the confidentiality requirements of Section 2.2.

**1.13 “Construction Notice to Proceed”** means the notice given by CITY to CONTRACTOR stating that the Site is available to CONTRACTOR and directing CONTRACTOR to commence construction of the Project in accordance with Section 4.2.1.

**1.14 “Construction Phase”** means the period beginning with the issuance of the Construction Notice to Proceed and ending on the date of Final Completion of the Project.

**1.15 “Construction Work”** means that portion of the Work consisting of the provision of labor, materials, equipment and services in connection with the construction of the Project as set forth in the Contract Documents.

**1.16 “Contingency Costs”** means those items of Cost of the Work attributable to a contingency for which CITY is responsible and which are payable by CITY to CONTRACTOR pursuant to a Change Order as provided in Article 6.

**1.17 “Contract Documents”** means this 1) Agreement, 2) its Exhibits, and 3) the Construction Documents, all of which, together with this Agreement, form the entire integrated agreement between CITY and CONTRACTOR. In the event of a conflict between any of these documents, this Agreement controls, followed by its Exhibits.

**1.18 “Contract” or “Agreement”** means this Design-Assist Construction Agreement, its exhibits, and all amendments and/or modifications hereto executed by the parties.

**1.19 “Contract Time”** means the period of time, including authorized adjustments, allotted in the Schedule for the Final Completion of the Work.

**1.20 “CONTRACTOR”** means the individual or entity identified in the preamble to this Agreement.

**1.21 “CONTRACTOR Event of Default”** shall have the meaning set forth in Section 12.1 hereof.

**1.22 “Cost of the Work”** consists of those items of Work, which are paid for by CITY to CONTRACTOR, and consist of those categories of costs set forth as allowable on Exhibit A.

**1.23 “CPM”** means a critical path method schedule in the form of precedents, networks and time sequences.

**1.24 “Day” or “Days”** means calendar days.

**1.25 “Delay Costs”** means those items of Cost of the Work attributable to an Excusable Delay for which CITY is responsible and which are payable by CITY to CONTRACTOR pursuant to a Change Order as provided in Article 6.

**1.26 “Design-Assist Team”** includes the following: Architect/Engineer; CONTRACTOR; and/or others as coordinated by CONTRACTOR and CITY.

**1.27 “Design Development Documents”** means the drawings, specifications and other documents prepared by the Design-Assist Team for CITY's review and approval prior to the preparation of the Construction Documents. The Design Development Documents shall illustrate the scale and relationship of Project components, outline the nature and structural exterior and three dimensional scale of the Project and shall fix and describe in detail the configuration and character of the Project concerning all items of the Project necessary for the complete and final preparation of the Construction Documents in accordance with the requirements of the Contract Documents, including architectural and electrical systems, materials and such other elements as may be appropriate. CONTRACTOR's attention is hereby directed to the confidentiality requirements of Section 2.2.

**1.28 “Design Materials”** means any and all documents, shop drawings, electronic information, data, plans, drawings, sketches, illustrations, specifications, descriptions, models and other information developed, prepared, furnished, delivered or required to be delivered by CONTRACTOR to CITY under the Contract Documents or developed or prepared by CONTRACTOR specifically to discharge its duties under the Contract Documents. CONTRACTOR’s attention is hereby directed to the confidentiality requirements of Section 2.2.

**1.29 “Design-Assist Work”** means that portion of the Work consisting of the design-assist services required to be provided in connection with the Architect/Engineer’s design of the Project as set forth in the Contract Documents, which shall be performed consistent with the standards of care set forth herein.

**1.30 “Excusable Delay”** shall have the meaning set forth in Section 4.4.2 hereof.

**1.31 “Fee”**, if applicable, means the fee payable to CONTRACTOR pursuant to this Agreement and as part of the GMP, if shown on Exhibit A attached hereto.

**1.32 “Final Completion”** means the point at which the Work has been completed in accordance with the terms and conditions of the Contract Documents, including completion of all Punch list items.

**1.33 “Force Majeure”** means labor dispute (excluding labor shortage), fire, unusual delay in transportation or delivery, unavoidable casualty, flood (assuming CONTRACTOR has taken reasonable precautions), earthquake, epidemic, civil disturbance, war, freight embargo, riot, sabotage (by persons other than CONTRACTOR or Subcontractors), material shortage or any other similar act or condition, in each case only to the extent the event in question is beyond the reasonable control of and without the fault or negligence of CONTRACTOR.

**1.34 “Governmental Approvals”** means those CITY approvals necessary for the completion of the Project, including, but not limited to, modification of existing zoning, vacation of certain streets and/or alleys, and modifications to or variances from applicable building or zoning regulations.

**1.35 “Guaranteed Maximum Price” or “GMP”** means the amount set forth on Exhibit A hereto, which may be increased or decreased in accordance with the provisions of the Contract Documents.

**1.36 “Hazardous Materials”** means those items identified on Exhibit C hereto.

**1.37 “Indemnified Parties”** includes, but is not limited to, CITY, its agents, officers, employees, and volunteers.

**1.38 “Liquidated Damages”** means the damages payable by CONTRACTOR to CITY in the event CONTRACTOR does not achieve Final Completion of the Project by the date required on the Schedule, as adjusted, as more fully described in Section 4.6 hereof.

**1.39 “Modification”** means an amendment to this Agreement executed by the parties after the date hereof.

**1.40 “Party”** shall mean CITY or CONTRACTOR individually, and **“Parties”** shall mean CITY and CONTRACTOR collectively.

**1.41 “Payment and Performance Bonds”** means the payment bond and performance bond issued by an admitted Surety covering the faithful performance and completion of the Construction Work, including payment for all materials and labor furnished or supplied in connection with the Construction Work, by CONTRACTOR. Such bonds shall be in the form described in Exhibit E.

**1.42 “Project”** means the design and construction of the project described in the Recitals, together with all on-site infrastructure, site improvements and appurtenances to be designed, constructed and installed in connection therewith, as more fully set forth and described in the Contract Documents and as required thereby or reasonably inferred therefrom.

**1.43 “Project Manager”** means the person assigned by the director of the CITY administering department to monitor the Project and Work.

**1.44 “Punch List”** means those minor items of Work to be completed after Substantial Completion and prior to Final Completion, which do not prevent the Project from being used for the purpose for which it is intended and which will not prevent beneficial occupancy or use.

**1.45 “Retention”** means the amount withheld from progress payments from CITY to CONTRACTOR from time to time, as more fully described in Article 5 hereof.

**1.46 “Schedule”** means the schedule pursuant to the Proposal and/or other Contract Documents to which CONTRACTOR has agreed to complete the Work. The Schedule shall be adjusted pursuant to the provisions of the Contract Documents. In the event the Schedule is not contained within the Proposal, then CONTRACTOR shall provide to CITY, within fifteen (15) days of issuance of a notice to proceed by CITY, with a complete milestone schedule identifying, among other things, critical paths (if any) and total calendar days until Substantial and Final Completion. In the event the Schedule is contained in the Proposal, the start of the Schedule shall be adjusted by the CONTRACTOR to reflect the date of the Notice To Proceed.

**1.47 “Scheduled Date of Substantial Completion”** means the date CONTRACTOR has agreed to achieve Substantial Completion of the Project in accordance with the Schedule, as adjusted.

**1.48 “Scope Change Costs”** means those items of Cost of the Work attributable to changes in scope of the Work and payable by CITY to CONTRACTOR pursuant to a Change Order, as provided in Article 6.

**1.49 “Separate Contractors”** means those individuals or entities (including, but not limited to, concessionaires) who have entered into arrangements with CITY for the provision of labor, materials or other services in connection with the Project.

**1.50 “Site”** is the real property on which the Project will be located.

**1.51 “Subcontract”** means an agreement between CONTRACTOR and another person or entity engaged to perform a portion of the Work.

**1.52 “Subcontractor”** means an individual or entity who has entered into an agreement with CONTRACTOR or another Subcontractor for the provision of labor, materials or other services required to be performed by CONTRACTOR under the Contract Documents.

**1.53 “Substantial Completion”** means the stage in the progress of the Work when the Work or a designated portion thereof is sufficiently complete in accordance with the Contract Documents so that CITY may use the Project for its intended purpose.

**1.54 “Surety”** means one or more issuers of the Payment and Performance Bonds, each of which shall be admitted and licensed to do business in the State of California.

**1.55 “Unexcusable Delay”** shall have the meaning set forth in Section 4.4.

**1.56 “Work” or “Scope of Work”** means the Project, inclusive of all labor, materials and services required to be performed or provided by CONTRACTOR officers, employees, agents, Subcontractors or Suppliers pursuant to the provisions of this Agreement and its Exhibits (including, the entirety of Exhibit F).

## **ARTICLE 2 SCOPE OF WORK / PROJECT REQUIREMENTS**

**2.1 Performance of Work.** CONTRACTOR shall perform the Work in accordance with this Agreement. CONTRACTOR covenants and agrees that it shall be responsible for performing and completing, and for causing all Subcontractors to perform and complete, the Work in accordance with the Contract Documents, standard professional and trade practices, and Applicable Laws. CONTRACTOR covenants that the Work and the materials provided thereunder shall be appropriate for the purposes stated in the Request for Proposal and Proposal. Although it is the responsibility of CONTRACTOR to conform the Work to Applicable Laws at all times, to the extent there is a change in one or more Applicable Laws after the date of execution of this Contract, and such change has the effect of increasing the cost or time of performance of the Work, such change may be the subject of a Change Order under the provisions of Article 6 hereof.

**2.1.1. Noise and Night Work.** CONTRACTOR shall comply with CITY’s noise ordinance.



## **2.2 Professional Standard; Ownership of Documents.**

**2.2.1 Standards of Performance.** The Work shall be performed by CONTRACTOR in accordance with the professional standards applicable to projects, buildings or work of complexity, quality and scope comparable to the Work and the Project. CONTRACTOR may make such additions or substitutions to personnel and responsibilities as it deems necessary or appropriate in order to carry out its responsibilities hereunder, provided such personnel shall be suitably qualified. Nothing in this Agreement shall be construed to create any contractual liability with CITY toward any Subcontractor.

### **2.2.2 Design Documents and Materials, and Confidentiality.**

**2.2.2.1** CITY shall have unlimited rights to copy and use in connection with the Project all Design Materials, including the right to use same on the Project at no additional cost to CITY, regardless of degree of completion, provided that said services performed have been fully paid for as required by the terms of this Agreement. CONTRACTOR and its Subcontractors shall keep all design documents confidential, and shall not disclose such documents except as may be required in performance of the Work or pursuant to legal process.

## **2.3 Local Conditions; Environmental Site Conditions.**

**2.3.1 Local Conditions.** CONTRACTOR represents that it has taken steps reasonably necessary to ascertain the nature and location of the Work, and that it has investigated and satisfied itself as to the general and local conditions which are applicable to the Work such as (a) conditions bearing on transportation, disposal, handling and storage of materials; (b) the availability of labor, water, power and roads; (c) normal weather conditions; (d) observable physical conditions at the Site; (e) the surface conditions of the ground; and (f) the character of equipment and facilities needed prior to and during the performance of the Work. To the extent CONTRACTOR encounters subsurface or concealed conditions which differ materially from that actually known by CONTRACTOR on the date of this Agreement or from those ordinarily found to exist and generally recognized as inherent in the activities of the character provided in the Contract Documents; then CONTRACTOR shall give notice to CITY promptly before conditions are disturbed and in no event later than two (2) Days after the first observance of the conditions if a Change Order is contemplated by CONTRACTOR due to such condition. Such materially different conditions may entitle CONTRACTOR to an equitable adjustment in the GMP and/or Schedule pursuant to the Change Order provisions of this Agreement.

**2.3.2 Hazardous Materials.** The Parties' agreement as to the handling of Hazardous Materials discovered at the Site (and not brought there by CONTRACTOR or any Subcontractor) is set forth in Exhibit C hereto, and the only duties and responsibilities of CONTRACTOR in connection therewith are as therein specified, notwithstanding any other provision of this Agreement.

## **2.4 Design Development Documents and Construction Documents.**

**2.4.1 General.** The Design-Assist Team understands that all construction documents, working drawings and specifications (“Submittals”) must be coordinated with, and approved by, CITY prior to construction. CONTRACTOR shall allow CITY a minimum of fourteen (14) days for review of Submittals and corrections made thereto. CONTRACTOR shall work with the Design-Assist Team to prepare, for the approval of CITY, working drawings and specifications setting forth in detail the requirements for the construction of the Project in its entirety including the necessary bidding information. CITY’s review of the Design Development Documents and the Construction Documents shall not relieve CONTRACTOR from its responsibilities under this Agreement, or be deemed to be an approval or waiver by CITY of any deviation from, or of CONTRACTOR’s failure to comply with, any provision or requirement of the Contract Documents, unless such deviation or failure has been identified as such in writing in the document submitted for approval by CONTRACTOR and approved by CITY. CONTRACTOR shall comply with all CITY construction standards as deemed applicable by the CITY. CONTRACTOR shall provide CITY with a complete, accurate, full size, and current set of as-built drawings in a hard copy acceptable to City prior to Final Completion.

The Architect/Engineer is the entity professionally responsible for the design of the Project. CITY acknowledges that CONTRACTOR is a general contractor and not an architect or engineer. Except with respect to any subcontractors of CONTRACTOR providing architectural or engineering services for the Project as design-build work, CONTRACTOR’s review of or input for any design documents, or CONTRACTOR’s recommendation for any design concepts, is made solely in CONTRACTOR’s capacity as a licensed contractor and not as a licensed design professional. CONTRACTOR is not responsible for any errors in the design or failure of the design to comply with applicable laws, codes, rules and regulations, or lawful orders of public authorities. However, if CONTRACTOR observes any such nonconformity or errors it shall promptly notify CITY and the Architect/Engineer.

**2.4.2 Reliance on Approvals.** CONTRACTOR shall be entitled to rely on the approvals of CITY with respect to the Design Materials. If CITY revokes, modifies or otherwise changes in a material way its approval of a given system after such system has been designed and approved, or modifies the original Scope of Work in a material manner requiring modification to one or more systems which have been designed and approved, CONTRACTOR shall be entitled to a Change Order in accordance with the provisions of Article 6 hereof. No Change Order shall be issued to the extent such modification is due to the fault or neglect of CONTRACTOR.

**2.4.3 Review of Contract Documents and Field Conditions.** CONTRACTOR shall take field measurements and verify field conditions and shall carefully compare such field conditions and other information known to CONTRACTOR with the Contract Documents before commencing activities. CONTRACTOR shall perform the Work in accordance with the Contract Documents and submittals approved in accordance with the procedures set forth in this Agreement.

**2.5 Legal Requirements.** CONTRACTOR shall comply with Applicable Laws, and shall give applicable notices pertaining thereto. Except with respect to Governmental Approvals, CONTRACTOR shall prepare and file all documents required to obtain the necessary approvals

of governmental authorities having jurisdiction over the Work and/or the Project and shall secure permits and governmental fees, licenses and inspections, at CITY's cost, necessary for the proper execution of the Work and completion of the Project. Notwithstanding the foregoing, CITY has informed CONTRACTOR that fees in connection with building permits, street use permits, and similar permits relating to construction will be waived and are not to be included in the GMP. If and to the extent charges in the future for such permits are imposed in the future, such charges shall be paid by CITY, or shall be the subject of a Change Order to the Contract in accordance with the Change Order provisions of this Agreement.

## **2.6 Services and Facilities.**

**2.6.1 General.** CONTRACTOR shall provide everything required for the orderly progress and proper execution and completion of the Work and the Project in accordance with the requirements of the Contract Documents, whether temporary or permanent and whether or not incorporated or to be incorporated into the Work, including, but not limited to, services, labor, materials, equipment, furnishings, tools, construction equipment and machinery, utilities, transportation and other facilities and services.

**2.6.2 Supervision.** CONTRACTOR shall supervise and direct the Work in accordance with its best skill and attention. CONTRACTOR shall be solely responsible for and have control over construction means, methods, techniques, sequences and procedures. CONTRACTOR shall be responsible to CITY for the acts and omissions of, and whenever this Contract refers to the negligence, fault or omission of CONTRACTOR, such term shall include the negligence, fault or omission of, CONTRACTOR's employees, Subcontractors and their agents and employees, and other persons performing portions of the Work under an agreement with CONTRACTOR. CONTRACTOR shall not be relieved of obligations to perform the Work in accordance with the Contract Documents by tests, inspections or approvals required or performed by persons other than CONTRACTOR.

**2.6.3 Coordination.** CONTRACTOR shall coordinate construction requirements with governmental agencies, utilities, and all other parties either involved in infrastructure improvements or otherwise affected by the design and construction requirements.

**2.6.3.1 Design-Assist Development Coordination.** CONTRACTOR understands and agrees that all Design Development Documents and time schedules prepared by Architect/Engineer must be coordinated with CONTRACTOR and CITY. CONTRACTOR shall participate and provide recommendations in the development of the drawings and other documents to fix and describe the size and character of the Project in its entirety as to structural, and electrical systems, materials and other essentials in CONTRACTOR's capacity as a general contractor and not as a design professional, focusing on constructability and cost implications of the evolving design.

**2.6.3.2 Construction Documents Coordination.** [reserved]

**2.6.4. Cooperation.** CONTRACTOR shall cooperate with the Architect/Engineer, and CITY's financial, design and construction consultants and all other designated representatives during the design and construction of the Project.

**2.6.5 Management.** CONTRACTOR shall implement suitable management systems and work plans for the Project relative to Project safety, quality assurance and managing and controlling the Work.

**2.6.6 Reports.** CONTRACTOR shall prepare and submit to CITY monthly progress reports on the Work accomplished during the previous monthly period, which reports shall be prepared in a manner and in a format reasonably acceptable to CITY. Such reports shall be furnished at the time of submission of each monthly Application for Payment. As part of such report, CONTRACTOR shall provide an updated Schedule, including CPM, if any, illustrating the progress that has been made, by reference to the initial CPM, and specifying whether the Work is on schedule or behind schedule and actions being taken to correct Schedule slippage. The monthly report shall also set forth CONTRACTOR's projected progress for the forthcoming month.

**2.7 Warranty.** CONTRACTOR warrants to CITY that any and all materials, equipment and furnishings incorporated in the Work will be of good quality and new unless otherwise required or permitted by the Contract Documents, that the Construction Work will be free from defects not inherent in the quality required or permitted, and that the Construction Work will conform with the requirements of the Contract Documents. Construction Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective by CITY at its sole discretion.

**CONTRACTOR shall warranty the Construction Work for a period of one-year commencing upon recording of the notice of completion.** If within this one-year warranty period any of the Work is found to be defective or not in accordance with the requirements of the Contract Documents, CONTRACTOR shall correct it promptly after receipt of written notice from CITY to do so. CITY shall give such notice promptly after discovery of the condition. CONTRACTOR shall bear the cost of correction.

CONTRACTOR's attention is directed to Section 9.3 below regarding Warranty Bond requirements.

**2.8 Taxes.** CONTRACTOR shall pay, as Cost of the Work, all existing and future applicable federal, state and local sales, consumer, use and similar taxes, whether direct or indirect, relating to, or incurred in connection with, the performance of the Work (excluding taxes based on CONTRACTOR's income). In the event CONTRACTOR is obligated to pay any new or increased taxes or duties adopted after the date hereof, the amount of such new or increased taxes shall increase the GMP pursuant to the Change Order provisions of this Contract. In the event CONTRACTOR receives the benefit of a tax exemption or tax reduction taking effect after the date hereof, the amount of such exemption or reduction shall decrease the GMP pursuant to the Change Order provisions of this Contract

**2.9 Access by CITY.** CONTRACTOR shall afford CITY and its authorized designees access to the Project Site at all times, subject to reasonable prior notice for access outside of normal business hours.

**2.10 Use of Site.** CITY shall be permitted beneficial use of the Work.

**2.11 Patents, Trademarks, Copyrights.** CONTRACTOR shall pay, as a Cost of the Work, all-applicable royalties and license fees on any matters arising in connection with the Work. CONTRACTOR shall defend all suits or claims for infringement of patent, trademark, and copyrights against the Indemnified Parties, and shall save the Indemnified Parties harmless from loss on account thereof for any and all matters arising in connection with the Work or the Project (such costs to be paid as Cost of the Work), except with respect to any particular design process or the product of a particular manufacturer or manufacturers specified and required by CITY, other than pursuant to the recommendation or suggestion of CONTRACTOR or a subcontractor; provided however, if CONTRACTOR has reason to believe that the design, process or product so specified is an infringement of a patent, CONTRACTOR shall be responsible for any loss resulting unless CONTRACTOR has provided CITY with prompt written notice of CONTRACTOR's belief, and CITY has nevertheless elected to go forward with such design, process or product so specified.

**2.12 Rubbish; Debris; Cleanup.** During the performance of all on-site Work, CONTRACTOR shall at all times, as a Cost of the Work, keep the Site and adjacent streets, properties and sidewalks reasonably free from waste materials, debris and/or rubbish, and shall employ adequate dust control measures. If accumulation of such materials, debris, rubbish or dust constitutes a nuisance or safety hazard or is otherwise objectionable in the reasonable opinion of CITY, CONTRACTOR shall promptly remove them. Upon Substantial Completion of the Work, or any portion or component thereof, CONTRACTOR shall remove from the Site, or applicable portion thereof, all tools, construction equipment, machinery, surplus materials, waste materials and rubbish and shall leave the Site in a "broom clean" condition. If CONTRACTOR fails to clean up as provided in the Contract Documents, CITY may do so and the cost thereof shall be charged to CONTRACTOR as a Cost of the Work.

**2.13 Permits, Fees and Notices.** Unless otherwise provided in the Contract Documents, and subject to the provisions of Section 2.5 hereof, CONTRACTOR shall secure all permits, governmental fees, licenses and inspections necessary for the proper execution and completion of the Work. To the extent there is a change in the type or cost of any of such permits, fees, licenses or inspection occurring after execution of this Agreement, there shall be an equitable adjustment in the GMP and Schedule on account of such change in accordance with the Change Order provisions. CONTRACTOR shall comply with and give notices required by Applicable Laws.

**2.14 Shop Drawings, Product Data, Samples and Other Submittals.**

**2.14.1 Documents and Samples at the Site.** From and after commencement of the Construction Work, CONTRACTOR shall maintain at the site one record copy of the Construction Documents, and any and all amendments thereto, in good order and marked to

record changes and selections made during the Construction Phase. In addition, CONTRACTOR shall maintain at the site approved shop drawings, product data, samples and similar required submittals. These shall be provided to CITY upon completion of the Work.

#### **2.14.2 Shop Drawings, Product Data, Samples and Other Submittals.**

**2.14.2.1 Shop Drawings** are drawings, diagrams, schedules and other data specially prepared for the Work by CONTRACTOR, a Subcontractor, manufacturer, supplier or distributor to illustrate some portion of the Work.

**2.14.2.2 Product Data** are illustrations, standard schedules, performance charts, instructions, brochures, diagrams and other information furnished by CONTRACTOR to illustrate materials or equipment for some portion of the Work.

**2.14.2.3 Samples** are physical examples, which illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

**2.14.2.4 Shop Drawings, Product Data, Samples and similar submittals** are not Contract Documents. The purpose of their submittal is to demonstrate for those portions of the Work for which submittals are required the way CONTRACTOR proposes to conform the construction to the Construction Documents.

**2.14.2.5 Submission of items listed in section 2.14.2.4.** [reserved]

**2.14.3 Responsibility.** CONTRACTOR shall not be relieved of responsibility for the deviations from requirements of the Contract Documents by CITY's approval of Shop Drawings, Product Data, Samples or similar submittals unless CONTRACTOR has specifically informed CITY of such deviation at the time of the submittal and CITY has given written approval to the specific deviation. CONTRACTOR shall not be relieved of responsibility for errors or omissions in Shop Drawings, Product Data, Samples or similar submittals by CITY's approval thereof.

**2.15** [Intentionally deleted.]

#### **2.16 Execution, Correlation and Intent.**

**2.16.1 Execution of Agreement.** Execution of this Agreement by CONTRACTOR is a representation that CONTRACTOR has visited the Site, become familiar with the local conditions under which the Work is to be performed and correlated personal observations with requirements of the Contract Documents.

**2.16.2 Intent of Contract Documents.** The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work by CONTRACTOR. The Contract Documents are complementary and what is required by one shall be as binding as if required by all; performance by CONTRACTOR shall be required only to the extent consistent with the Contract Documents and reasonably inferable from them as being necessary to produce the intended results.

**2.16.3 Organization of Materials.** Organization of the Design Materials into divisions, sections and articles, and arrangement of drawings does not necessarily control CONTRACTOR in dividing the Construction Work among Subcontractors or in establishing the extent of Construction Work performed by any trade.

**2.16.4 Meaning of Words.** Unless otherwise stated in this Agreement, words which have well-known technical or construction industry meanings are used in accordance with such recognized meanings.

**2.17 Labor and Materials; Liens (Stop Payment Notice Claims); Indemnity.** Unless otherwise provided in the Contract Documents, CONTRACTOR shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work. CONTRACTOR shall enforce strict discipline and good order among CONTRACTOR's employees, subcontractors, and other persons carrying out the Work. CONTRACTOR shall not permit employment of unfit persons or persons not skilled in tasks assigned to them.

CONTRACTOR shall not permit any Subcontractor, materialman, or laborer to place liens on the Project covering any portion of the Work for which CITY has made payment to CONTRACTOR. If any liens (e.g., stop payment notice claims) are imposed, CITY may withhold payment in the amount of 125% of the claim until such time an unconditional release is provided in a form satisfactory to CITY. CONTRACTOR shall indemnify, defend, and hold harmless CITY regarding any claim or lien that proceeds to, or is the subject of litigation. CITY may withhold payment(s) pending compliance with this provision.

## **2.18 Cutting and Patching.**

**2.18.1 Cutting and Patching of the Work.** CONTRACTOR shall be responsible for cutting, fitting, or patching required to complete the Work or to make its parts fit together properly.

**2.18.2 Damage to Work of CITY or Separate Contractors.** CONTRACTOR shall not damage or endanger a portion of the completed Work, fully or partially completed construction of CITY, or work or construction by Separate Contractor(s) by cutting, patching or otherwise altering such construction or work, or by excavation. CONTRACTOR shall not cut or otherwise alter such construction by CITY or a Separate Contractor except with written consent of CITY and of such Separate Contractor, such consent not to be unreasonably withheld.

## **2.19 Uncovering of Construction Work.**

**2.19.1 Uncovering.** If a portion of the Construction Work is covered contrary to CITY's written request to observe such work prior to it being covered or contrary to requirements of the Contract Documents, it must, if directed in writing by CITY, be uncovered for CITY's

observation and be replaced without change in the Schedule or GMP. The costs of such uncovering and replacement shall be Cost of the Work, subject to the limitation set forth in Section 2.22 hereof.

**2.19.2 Covering of Work Requested to be Observed.** If a portion of the Construction Work has been covered which CITY has not specifically requested to observe prior to its being covered, CITY may request to see such Construction Work and it shall be uncovered by CONTRACTOR. If such Construction Work is in accordance with the Contract Documents, costs of uncovering and replacement shall, by appropriate Change Order, be charged to CITY and shall increase the GMP. An appropriate time extension shall also be given. If such Construction Work is not in accordance with the Contract Documents, CONTRACTOR shall pay such costs as Cost of the Work, unless such condition was caused by CITY or a Separate Contractor in which event CITY shall be responsible for payment of such costs by appropriate Change Order, and an appropriate time extension shall also be given.

## **2.20 Correction of Work.**

**2.20.1 Work Rejected by CITY.** CONTRACTOR shall promptly correct Construction Work rejected by CITY or failing to conform to the requirements of the Contract Documents, whether observed before or after Substantial Completion and whether or not fabricated, installed or completed. CONTRACTOR shall bear the costs of correcting such rejected Construction Work, as a Cost of the Work, including additional testing and inspection and compensation for services and expenses of CITY made necessary thereby.

### **2.20.2 [Intentionally deleted].**

**2.20.3 Removal of Work.** CONTRACTOR shall remove from the Site portions of the Construction Work, which are not in accordance with the requirements of the Contract Documents and are neither corrected by CONTRACTOR nor accepted by CITY. The costs incurred in removing such Work shall be a Cost of the Work, subject to the limitation set forth in Section 2.22 hereof.

**2.20.4 Failure to Correct Nonconforming Work.** If CONTRACTOR fails to correct nonconforming Construction Work within a reasonable time, CITY may correct it in accordance with the terms of this Agreement. If CONTRACTOR does not proceed with correction of such nonconforming Construction Work within a reasonable time fixed by written notice from CITY, CITY may remove it and store the salvageable materials or equipment at CONTRACTOR's expense. If CONTRACTOR does not pay costs of such removal and storage within ten (10) Days after written notice, CITY may, upon ten (10) additional Days written notice, sell such materials and equipment at auction or at private sale and shall account for the proceeds thereof, after deducting costs and damages that should have been borne by CONTRACTOR, including compensation for services and expenses made necessary thereby. If such proceeds of sale do not cover costs which CONTRACTOR should have borne, CONTRACTOR shall pay such excess to CITY. If such proceeds are in excess of the costs which CONTRACTOR should have borne, such excess shall be paid by CITY to CONTRACTOR. If such costs arise during the



performance of the Work, such costs shall be charged against the Cost of the Work. If such costs arise after Substantial Completion, such costs shall be payable as provided in Section 5.1.

**2.20.5 Damaged or Destroyed Work.** CONTRACTOR shall bear the cost of correcting destroyed or damaged construction, whether completed or partially completed, of CITY or Separate Contractors caused by CONTRACTOR's correction or removal of Construction Work which is not in accordance with the requirements of the Contract Documents. If such costs arise during the performance of the Work, such costs shall be charged against the Cost of the Work. If such costs arise after Substantial Completion, such costs shall be payable as provided in Section 5.1.

**2.20.6 No Limitation.** Nothing contained in this section 2.20 shall be construed to establish a period of limitation with respect to other obligations which CONTRACTOR might have under the Contract Documents.

**2.21 Value Engineering.** CONTRACTOR shall suggest to CITY value engineering to reduce the cost of the Project, which CITY may accept at its sole discretion. To the extent that CONTRACTOR provides value engineering suggestions or comments with respect to the Project's design, CITY acknowledges that such services are advisory only and not professional design services. CITY shall refer all such suggestions and comments to the Architect/Engineer for review and evaluation prior to CITY's acceptance thereof. CITY shall cause the Architect/Engineer to revise the Project's design documents to reflect all value engineering suggestions and comments accepted by CITY without delay or disruption to the timely and orderly progress of the Work, including revisions needed to address the impact of an agreed value engineering solution on other portions of the Work. The GMP and Contract Time shall be adjusted by Change Order promptly after CONTRACTOR's review and pricing of the (Additive or Deductive) change to the Work reflected in the revised design documents.

**2.21.1 Subcontractors Bids.** CONTRACTOR shall make recommendations to the Architect/Engineer regarding the appropriate quality of materials, equipment, component systems and types of construction for the most reasonable prices for inclusion in the Construction Documents, and CONTRACTOR shall also recommend to the Architect/Engineer and CITY reasonable adjustments in the scope of the Project so that the total cost bid by the bidding Subcontractors will not exceed the estimate.

**2.22 Acceptance of Nonconforming Work.** If CITY prefers to accept Work, which is not in accordance with the requirements of the Contract Documents, CITY may do so instead of requiring its removal and correction, in which case the GMP will be reduced as appropriate and equitable. Such adjustment shall be effected whether or not final payment has been made.

**2.23 Contractor Registration.** No contractor or subcontractor may work on a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. During the performance of this Contract, CONTRACTOR and its subcontractors shall have a continuing legal obligation to maintain current registration with the Department of Industrial Relations. CONTRACTOR is hereby notified that this Project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

### **ARTICLE 3 CITY'S RIGHTS AND RESPONSIBILITIES**

#### **3.1. Information and Services Required of CITY.**

**3.1.1 CITY Designation of Authorized Representative.** Both Parties shall designate, from time to time, one or more representatives authorized to act on their behalf with respect to the Project, together with the scope of his/her respective authority. CONTRACTOR shall not be entitled to rely on directions from anyone outside the scope of that person's authority as set forth in written delegations pursuant to this Agreement. Directions and decisions made by Authorized Representative(s) of CITY shall be subject to any further approval(s) required by any provisions of CITY's Charter or the Roseville Municipal Code.

**3.1.2 Communication.** During the term of this Contract, CITY shall communicate with Subcontractors, suppliers and others performing any part of the Work only through CONTRACTOR's Authorized Representative.

**3.1.3 Governmental Approvals.** CITY shall be responsible for obtaining the Governmental Approvals. Any delay in obtaining the Governmental Approvals may entitle CONTRACTOR to an equitable adjustment in the Schedule and GMP in accordance with the Change Order provisions of this Agreement, except to the extent such delay is due to the fault or neglect of CONTRACTOR.

**3.2 [Intentionally deleted.]**

**3.3 [Intentionally deleted.]**

#### **3.4 Activities on the Site by CITY or Separate Contractors.**

**3.4.1 CITY's Right to Award Separate Contracts.** CITY reserves the right to perform work or operations related to the Project, with CITY's own forces, and to award separate contracts to Separate Contractors in connection with other portions of the Project.

**3.4.2 Integration of the Work with Separate Contractors.** Following the request of CITY, CONTRACTOR shall prepare a plan in order to integrate the work performed by Separate Contractors with the performance of the Work, and shall submit such plan to CITY for approval. The plan shall be fair and reasonable for CONTRACTOR and the Separate Contractors, and CONTRACTOR shall work with the Separate Contractors to reach agreement on such plan. CONTRACTOR shall arrange the performance of the Work so that the Work and the work of the Separate Contractors are, to the extent applicable, properly integrated, jointed in an acceptable manner, and performed in the proper sequence so that any disruption or damage to the Work or to any work of Separate Contractors is avoided.

**3.4.3 Coordination.** CONTRACTOR shall provide for the coordination of the activities of CONTRACTOR and its Subcontractors with the activities of the Separate Contractors. CONTRACTOR shall participate with all Separate Contractors and CITY in reviewing and coordinating the schedules of the Separate Contractors with the Schedule. CONTRACTOR shall make any revisions to the Schedule deemed necessary to properly incorporate the work of the Separate Contractors with the Work. To the extent (a) the date of Substantial Completion is extended by such Schedule revision; (b) CONTRACTOR is required to perform its Work materially out of sequence, and in a manner which is not as efficient or cost effective as originally planned; or (c) the Scope of Work is increased, an equitable adjustment in the GMP and the Schedule shall be made in accordance with the Change Order provisions of this Agreement.

**3.4.4 Use of Site.** CONTRACTOR shall afford CITY and all Separate Contractors reasonable opportunity for storage of materials and equipment and performance of their work. CONTRACTOR shall also connect and coordinate its Work and operations with CITY and all Separate Contractors' operations as required by the Contract Documents. CITY shall direct the Separate Contractors to cooperate with CONTRACTOR and to avoid actions or omissions, which could interfere with or delay the activities of CONTRACTOR.

**3.4.5 Deficiency in Work of Contractors.** If part of CONTRACTOR's Work depends upon proper execution or results upon construction or operations by CITY or a Separate Contractor, CONTRACTOR shall, prior to proceeding with that portion of the Work, promptly report to the Separate Contractor and CITY apparent discrepancies or defects in such other construction that would render it unsuitable for proper execution and results by CONTRACTOR. CONTRACTOR and the Separate Contractor shall use good faith efforts to resolve any such discrepancies or defects or any disagreements relating thereto. Failure of CONTRACTOR to report such discrepancies or defects shall constitute acceptance by CONTRACTOR of the work of Separate Contractors as fit and proper to receive CONTRACTOR's Work (except as to those defects or discrepancies that are not apparent).

**3.4.6 Claims Involving Separate Contractors.** In the event that CONTRACTOR unnecessarily and unreasonably delays the work of Separate Contractors by not cooperating with them as required hereby, or by not affording them reasonable opportunity to perform their work as stated herein, CONTRACTOR shall, in such event, pay, as Cost of the Work, all reasonable direct incremental costs and expenses incurred by such Separate Contractors due to any such delays. If any Separate Contractor shall assert a claim or bring an action against CITY alleging damage due to the fault or neglect of CONTRACTOR, CITY shall immediately notify CONTRACTOR, who shall defend such claim. If it is determined that CONTRACTOR was at fault, CONTRACTOR shall pay all costs of defense, including attorney's fees, as well as any resulting judgment or settlement, as a Cost of the Work.

**3.5 Assignment of Separate Contracts.** If CITY determines that it wishes to assign to CONTRACTOR one or more contracts between CITY and a Separate Contractor, it shall give CONTRACTOR written notice of such desire, including in such notice a copy of such contract for CONTRACTOR's review and approval. The Separate Contractor shall be fully qualified to perform the work under the to-be-assigned contract, shall possess the financial capability to

perform its obligations under such to-be-assigned contract, and shall provide one hundred percent (100%) payment and performance bonds covering such work from sureties meeting the standards set forth in Section 1.53 hereof. Such contract shall contain provisions similar to those contained in CONTRACTOR's agreements with its Subcontractors with respect to liability, indemnification, retention, payment, labor, warranty, and other material items. Upon CONTRACTOR's approval of the assignment of such contract, which approval shall not be unreasonably withheld, delayed or conditioned, such Separate Contractor shall cease to be a Separate Contractor and shall thereafter be deemed to be a Subcontractor of CONTRACTOR, and the GMP shall be increased by Change Order in the amount of (a) such assigned contract, and (b) the additional Fee pursuant to the provisions of Section 6.5.1.

**3.6 CITY's Right to Stop the Work.** If CONTRACTOR persistently fails to correct Work which is not in accordance with the requirements of the Contract Documents and this Agreement or persistently fails to carry out the Work in accordance with the Contract Documents, CITY, by written order signed by CITY, may deliver a notice to CONTRACTOR setting forth that such a persistent and material failure is occurring and has occurred, and demanding that CONTRACTOR commence a cure of such persistent and material failure within twenty (20) Days and diligently pursue such cure thereafter. In the event that the cure is not commenced and pursued diligently, CITY may, by written notice to CONTRACTOR, order CONTRACTOR to stop the Work, or any portion thereof, until the use for such order has been eliminated; provided, however, that the right of CITY to stop the Work shall not give rise to a duty on the part of CITY to exercise this right for the benefit of CONTRACTOR or any other person or entity and shall not give rise to any liability of CITY to CONTRACTOR resulting from any delay (except to the extent that such order is found to be improper).

**3.7 CITY's Right to Carry out the Work.** If CONTRACTOR defaults or neglects to carry out the Work in accordance with the Contract Documents and fails within a seven (7) Day period after receipt of written notice from CITY to commence and diligently continue correction of such default or neglect with diligence and promptness, CITY may after such seven (7) Day period give CONTRACTOR a second written notice to correct such deficiencies within such second seven (7) Day period. If CONTRACTOR within such second seven (7) Day period after receipt of such second notice fails to commence and diligently continue to correct any deficiencies, CITY, without prejudice to other remedies CITY may have, may correct such deficiencies. In such case an appropriate Change Order shall be issued deducting from payments then or thereafter due to CONTRACTOR the cost of correcting such deficiencies, including Compensation for additional services and expenses made necessary by such default, neglect or failure. If payments then or thereafter due to CONTRACTOR are insufficient to cover such amounts, CONTRACTOR shall pay the difference to CITY.

## **ARTICLE 4 TIME**

**4.1. Progress and Completion.** Time limits stated in the Contract Documents are of the essence of this Agreement. By executing this Agreement, CONTRACTOR confirms that the Contract Time is a reasonable period of time for achieving Final Completion of the Work.

## **4.2 Schedule Obligations.**

**4.2.1 Contract Schedule and Notice To Proceed.** CONTRACTOR shall provide a schedule as stated in Section 1.46. CONTRACTOR shall begin work pursuant to this Agreement and in accordance with the Schedule (as described in Exhibit F) within fifteen (15) calendar days of the date of issuance of a Notice To Proceed by CITY, unless extended at the request made to and at the sole discretion of City. CONTRACTOR shall update said schedule to commence from the date of this Agreement, and the overall timeline shall remain consistent with the original schedule. CITY may issue the Notice To Proceed within fifteen (15) days of full execution of this Agreement.

**4.2.2 Prosecution of the Work.** CONTRACTOR shall prosecute the Work so that the portion of the Work completed at any point in time shall be not less than as required by the Schedule. If the rate of progress is such that the total amount of Work and/or the degree of completion of the Project accomplished by CONTRACTOR within any time period required by the Schedule is less than the amount therein specified, CONTRACTOR shall so notify CITY. If the delay is an Unexcused Delay, CONTRACTOR shall prepare a recovery schedule for CITY's review and approval, showing how CONTRACTOR will compensate for the delays and achieve Final Completion by the date shown on the Schedule. If CONTRACTOR is unable to demonstrate how it will overcome Unexcused Delays, CONTRACTOR shall employ such extraordinary measures as are necessary to bring the Work into conformity with the Final Completion Date set forth therein, the costs of which shall be a Cost of the Work and not exceed the GMP. If the delay is an Excusable Delay, CITY shall either (a) authorize an equitable extension in the Schedule to account for such delay, and equitably adjust the GMP on account of such delay, to the extent permitted by Article 6; or (b) request that CONTRACTOR prepare a recovery schedule showing how (if possible) CONTRACTOR can achieve Substantial Completion by the date shown on the Schedule (as modified), and equitably adjust the GMP in accordance with the Change Order provisions of this Agreement on account of any extraordinary activities required of CONTRACTOR on account of such recovery schedule. Schedule float (total float) shall be owned by CITY. As float is an expiring resource, if the Work is delayed on the critical path due to a delay caused by the CONTRACTOR and/or Architect/Engineer, the CONTRACTOR may not use any float created by such a delay on any other path without the express written approval of CITY.

**4.3 Pre-construction Activities.** Within thirty (30) Days after execution of this Agreement, CONTRACTOR shall submit to CITY for review a detailed schedule of pre-construction activities, by expanding the pre-construction activities set forth on the Schedule. This pre-construction schedule shall be prepared using the CPM, and shall show in sufficient detail the starting and completion times sequences of Subcontract award activities of CONTRACTOR, and identify all interface activities of CITY.

## **4.4 Extensions of Time.**

**4.4.1 General.** An extension in the scheduled date of Final Completion will only be granted in the event of Excusable Delays affecting Work activities on the critical path.

**4.4.2 Excusable Delays.** Subject to 4.4.1 and 4.5.2, to the extent any of the following events results in an actual delay in the Work affecting Work activities on the critical path, such shall constitute an **“Excusable Delay”** (to the extent not set forth below, a delay will be considered an **“Inexcusable Delay”**).

**4.4.2.1** Failure or inability of CITY to make available any or all of the Site in accordance with the requirements of the Schedule.

**4.4.2.2** Failure or inability of CITY or CONTRACTOR to obtain necessary zoning changes, variances, code changes, permits or approvals from any governmental authority, or failure to obtain any street or alley vacations required for the performance of the Work, except to the extent due to the fault or neglect of CONTRACTOR.

**4.4.2.3** Delays resulting solely from the acts or omissions of Separate Contractors; provided however, only to the extent Separate Contractors perform their work improperly and not in accordance with any applicable critical path schedule.

**4.4.2.4** Delays resulting from Force Majeure.

**4.4.2.5** Differing, unusual or concealed site conditions that could not reasonably have been anticipated by CONTRACTOR in preparing the Schedule.

**4.4.2.6** Delays resulting from the existence or discovery of Hazardous Materials on the Site not brought to the site by CONTRACTOR or any Subcontractor.

**4.4.2.7** Delays resulting from changes in Applicable Laws occurring after the date of execution of this Agreement.

**4.4.2.8** Delays occurring solely due to the acts or omissions of CITY and those within the control of CITY, including, but not limited to, Separate Contractors.

**4.4.2.9** Delays resulting from weather conditions, which shall be determined as follows: Should CONTRACTOR prepare to begin work at the regular starting time of any working day on which inclement weather, or the conditions resulting from the weather, prevents the Work from beginning at the usual starting time and the crew is dismissed as a result thereof and CONTRACTOR does not proceed with at least 75% of the normal labor and equipment force engaged in the current operations for at least 60% of the total daily time being spent, CONTRACTOR will not be charged for a working day, even if the conditions change during the course of the day. At the start of such days, CONTRACTOR shall notify CITY if CONTRACTOR believes that inclement weather or conditions resulting from the weather exist. A non-working day determination of such conditions shall be made by CITY, who will immediately notify CONTRACTOR.

**4.4.2.10** Delays resulting from unproductive work days, which shall be determined as follows: When CONTRACTOR is prevented from working on current operations

due to site conditions, CITY action, or force majeure for at least 60% of the total daily time on the controlling operations. Controlling operations are determined by the critical path method schedule described in the applicable CITY construction standards. The critical path schedule used in this determination shall be no more than thirty (30) days old. CONTRACTOR shall notify CITY if CONTRACTOR believes an unproductive work day exists upon discovery of such condition. A non-working day determination of such conditions shall be made by CITY, who will immediately notify CONTRACTOR.

**4.4.3 Requirements for Schedule Amendment due to Excusable Delays.** In order to obtain an extension of time due to an Excusable Delay, CONTRACTOR shall comply with the following requirements:

**4.4.3.1** CONTRACTOR shall notify CITY of the Excusable Delay as soon as practicable, but in no event more than four (4) Business Days after CONTRACTOR becomes aware of the occurrence of the Excusable Delay. Such notice shall describe the Excusable Delay and shall state the approximate number of Days CONTRACTOR expects to be delayed. After the cessation of the Excusable Delay, CONTRACTOR shall notify CITY of the number of Days CONTRACTOR believes that its activities were in fact delayed by the Excusable Delay. In the event that the delay arises as a result of a Change Order request by CITY, the request for an extension of time contained in the resulting Change Order proposal shall be deemed sufficient for purposes of this subsection.

**4.4.3.2** CONTRACTOR shall demonstrate to the satisfaction of CITY that the Excusable Delay in fact delayed the critical path for performance of the Work (by use of CPM analysis). Any delay that impacts the CPM will be presented to the Project Manager at the monthly meeting, and prior to completion of each activity.

**4.4.4 Decision by CITY.** Within thirty (30) Days after cessation of an event giving rise to either an Excusable Delay or Inexcusable Delay, the parties will use good faith efforts to agree on the extent to which the Work has been delayed and whether the delay is an Excusable Delay or an Inexcusable Delay. In the absence of agreement between the parties as to the then current status of Excusable Delays and Inexcusable Delays, CITY will provide CONTRACTOR with written notice of CITY's determination of the respective number of Days of Excusable Delay and/or Unexcusable Delay within ten (10) Days after receipt by CITY of CONTRACTOR's written request for such determination. The issuance by CITY of such a determination shall not, however, be deemed a concurrence by CONTRACTOR of the matters set forth therein, and CONTRACTOR may invoke the dispute resolution procedures with respect to such determination. Pending completion of dispute resolution procedures, CONTRACTOR may take such acceleration or other measures required on account of CITY's determination of Inexcusable Delay, and if completion of the dispute resolution procedures results in CITY's determination being changed to Excusable Delay, the costs associated with such measures shall be paid by CITY as an increase to the GMP in accordance with the Change Order provisions of this Agreement.

#### **4.5 Adjustment in GMP on Account of Extensions of Time.**

**4.5.1 Certain Excusable Delays.** Section 4.5 governs the extent to which CONTRACTOR is entitled to an extension of time due to Excusable Delays. Provisions governing the payment of additional compensation on account of such Excusable Delays, (if any) are set forth in Article 6.

**4.5.2 Concurrent Delays.** To the extent CONTRACTOR is entitled to an extension of time due to an Excusable Delay, but the performance of the Work would have been suspended, delayed or interrupted by the fault or neglect of CONTRACTOR, any subcontractor and/or by an Inexcusable Delay, CONTRACTOR shall not be entitled to any additional costs for the period of such concurrency.

#### **4.6 Liquidated Damages.**

**4.6.1 General.** CONTRACTOR and CITY acknowledge that in the event that CONTRACTOR fails to achieve Final Completion of the Project by the date established, CITY will incur substantial damages that shall be incapable of accurate measurement. Nonetheless, the parties acknowledge that on the date of this Agreement, the amount of liquidated damages set forth below represents a good faith estimate as to the actual potential damages that CITY would incur as a result of late Completion of the Project. Such liquidated damages shall be in-lieu of actual damages resulting from late completion. The amount of the liquidated damages calculated hereunder does not include any penalty.

**4.6.2 Amount of Liquidated Damages.** If CONTRACTOR fails to achieve Final Completion of the Work on or before the Notice of Completion date, as adjusted for Excusable Delays, CONTRACTOR shall pay to CITY liquidated damages in the amount of \$500.00 (five hundred dollars) per Day for each calendar day the date of Final Completion is inexcusably delayed. Payment of liquidated damages shall be made contemporaneously with CITY's required payment to CONTRACTOR, and such payments may be offset against each other.

### **ARTICLE 5 PAYMENT AND COMPLETION**

**5.1 Guaranteed Maximum Price ("GMP") and GMP Shared Savings.** CITY shall pay for CONTRACTOR's performance under this Agreement the Cost of the Work and Fee (as described in Exhibit A hereto); provided, however, that the sum of the Cost of the Work and the Fee shall not exceed the GMP, as adjusted by Change Order/Directive in accordance with the Contract Documents. CITY bears the risk of its increased costs due to market price increases (including escalating costs for materials).

**5.1.1 Shared Savings.** CONTRACTOR shall be compensated for actual work completed based on the Cost of Work and Fee up to the amount of the GMP. If CONTRACTOR's actual total Cost of the Work and Fee is less than the GMP, upon Final Completion, the CONTRACTOR shall be entitled to receive forty percent (40%) of the GMP Savings. "GMP" Savings shall mean the positive difference, if any, when the actual Total Cost



of the Work and Fee is subtracted from the GMP; provided, however, that unused contingency monies, if any, shall not be subject to shared savings.

**5.2 Schedule of Values.** Before the first Application for Payment, CONTRACTOR shall submit to CITY, and CITY shall approve, a schedule of values, setting forth the various portions of the Work, and the portions of the GMP allocated to each portion. This schedule of values shall be used as a basis for payment.

**5.3 Applications for Payment.** CONTRACTOR shall deliver to CITY not more than once each month an Application for Payment covering the Cost of Work and Fee applicable to the Work performed during the immediately preceding month. With each Application for Payment CONTRACTOR shall submit such evidence as may be necessary to demonstrate costs incurred on account of Cost of the Work during such month and the percentage of completion of each category of Work. CITY may reject requests for payment, or portions thereof, for Work, or portions thereof, not performed or completed.

**5.4 Amount of Progress Payments.** CITY shall pay CONTRACTOR the actual Cost of the Work and Fee, if any, through the period covered by the Application for Payment, less Retention as set forth in Section 5.5 below, provided that the aggregate payment amount before retention will not exceed the percentage of completion of the Work multiplied by the GMP (excluding items of the GMP not subject to retention). CITY may additionally withhold from progress payments such amounts pursuant to stop payment notice claims as required by law and CITY administrative regulation 4.01.

**5.5 Retention; Escrow Agreement; Final Payment.** Five percent (5%) Retention shall be withheld from each progress payment until the expiration of thirty-five (35) days following the recordation of the notice of completion; provided however, City shall continue to retain such amount as required by law and/or CITY administrative regulation 4.01. CONTRACTOR may elect to establish an escrow account for securities in-lieu of the five percent (5%) Retention in a form of escrow agreement compliant with law and subject to approval by the City Attorney (form of escrow agreement is attached as Exhibit D). Release of Retention monies shall constitute the Final Payment.

**5.6 Early Release of Subcontractor Retention.** [reserved]

**5.7 Payment for On-Site and Off-Site Stored Materials.** [reserved]

**5.8 Title to Construction Work.** CONTRACTOR warrants that title to all Construction Work covered by an Application for Payment shall pass to CITY no later than the time of payment. CONTRACTOR further warrants that upon submittal of an Application for Payment, all Construction Work for which Applications for Payment have been previously issued and payments received from CITY shall, to the best of CONTRACTOR's knowledge, information and belief, be free and clear of liens, claims, security interests or encumbrances in favor of CONTRACTOR, Subcontractors, material suppliers, or other persons or entities making a claim by reason of having provided labor, materials or equipment relating to the Construction Work.

**5.9 Withholding of Payment.** CITY may withhold payment on account of an Application for Payment if required or authorized by any Applicable Law, or to the extent necessary to protect CITY from loss because of:

**5.9.1** defective Work not remedied;

**5.9.2** third party claims filed or reasonable evidence indicating probable filing of such claims;

**5.9.3** failure of CONTRACTOR to make payments of undisputed amounts to Subcontractors for labor, materials or equipment;

**5.9.4** damage to CITY or a Separate Contractor caused by the fault or neglect of CONTRACTOR to the extent not reimbursed by insurance; or

**5.9.5** reasonable evidence that the Work will not be Substantially Completed within the Contract Time due to Inexcusable Delay, and that the unpaid balance of the GMP would not be adequate to cover liquidated damages for the anticipated Inexcusable Delay.

**5.10 Failure of Payment; Interest.** In accordance with Public Contract Code §20104.50, CITY shall pay CONTRACTOR interest on any progress payment, which is made by CITY more than thirty (30) days after CITY receives an undisputed and properly submitted written payment request. Said interest shall be equal to the rate set forth in Code of Civil Procedure §685.010(a), and shall begin to accrue upon the expiration of said thirty (30) day period. Any written request for a progress payment which CITY determines to be disputed, improper or not suitable for payment for any reason shall be returned to CONTRACTOR within seven (7) days after receipt by CITY, along with a written statement of the reason or reasons why such request is disputed, improper or not suitable for payment.

**5.11 Occupancy by CITY Prior to Acceptance.** CITY reserves the right to Beneficial Occupancy and without charge by CONTRACTOR. In those areas of the Work which are completed, CITY may store materials, equipment, and supplies, and may perform partial operation.

**5.12 Substantial Completion.** When CONTRACTOR considers the entire Work complete and ready for its intended use, CONTRACTOR shall certify in writing to CITY that the entire Work is substantially complete provide CITY with a Certificate of Substantial Completion. Within a reasonable time thereafter, CITY and CONTRACTOR shall make an inspection of the Work to determine the status of completion. If CITY does not consider the Work substantially complete, CITY will notify CONTRACTOR in writing giving reasons therefor. If CITY considers the Work substantially complete, CITY will accept a corresponding partial Certificate of Substantial Completion. There shall be attached to the Certificate a Punch List of items to be completed or corrected before Final Acceptance and Final Payment.

**5.13 Final Completion.** When the Work is fully completed, CONTRACTOR shall provide CITY with a Certificate of Final Completion and shall request final inspection in writing.

Additionally, CONTRACTOR shall provide legally effective releases or waivers satisfactory to CITY of all lien rights arising out of or liens filed in connection with the Work. Within ten (10) calendar days of receipt of such completed request form, CITY shall make final inspection. If following final inspection CITY determines that the Work (including all Punch List items) has been fully completed, CITY will process a Notice of Completion. If CITY determines that the Work is not complete after receipt of certification from CONTRACTOR, CONTRACTOR shall be notified in writing of deficiencies. After the deficiencies have been corrected, the procedure for final inspection as set forth above shall again be initiated by CONTRACTOR. In the event CITY determines the Work is fully completed, CITY shall initiate process of attaining a notice of completion.

**5.13.1 Waiver of Claims at Final Payment.** Acceptance of final payment by CONTRACTOR shall constitute a waiver of all claims by CONTRACTOR, except those previously made in writing and identified as unsettled at the time of final payment.

**5.14 Construction Allowance Items.** [reserved]

**5.15 Superintendent.** CONTRACTOR shall employ a competent superintendent and necessary assistants who shall be in attendance at the Project site during performance of the Construction Work. The superintendent shall represent CONTRACTOR, and communications given to the superintendent shall be as binding as if given to CONTRACTOR.

**5.16 Documents and Samples at the Site.** CONTRACTOR shall maintain at the site for CITY one record copy of the drawings, specifications, addenda, Change Order and other Modifications, in good order and marked currently to record changes and selections made during construction, and in addition approved Shop Drawings, Product Data, Samples and similar required submittals. CONTRACTOR shall also prepare one reproducible set of as-built drawings. These shall be provided to CITY upon completion of the Work.

**5.17 Contingency.** [reserved]

## **ARTICLE 6 CHANGES IN THE WORK; CLAIMS**

**6.1 Changes.** Changes in the Work shall be performed under applicable provisions of the Contract Documents. If unit prices are stated in the Contract Documents or subsequently agreed upon, and if quantities originally contemplated are so changed in a proposed Change Order or Change Directive that application of such unit prices to quantities of Work proposed will cause substantial inequity to CITY or CONTRACTOR, the applicable unit prices for such change order/directive shall be equitably adjusted.

**6.2 Change Directives.** The following procedures shall apply with respect to Change Directives:

**6.2.1** Upon receipt of a Change Directive signed by CITY, CONTRACTOR shall promptly proceed with the change in the Work involved and advise CITY of CONTRACTOR's agreement or disagreement with the method, if any, provided in the Change Directive for determining the proposed adjustment in the GMP or the Schedule. If CONTRACTOR receives a written communication signed by CITY which CONTRACTOR believes is a Change Directive but is not so identified, it shall not proceed with the change in the Work until it receives from CITY a written confirmation that such communication is in fact a Change Directive.

**6.2.2** A Change Directive signed by CONTRACTOR indicates the agreement of CONTRACTOR with the contents thereof, and shall convert the Change Directive to a Change Order.

**6.2.3** If CONTRACTOR does not respond promptly or disagrees with the method for adjustment in the GMP or Schedule, the method and adjustment shall be determined as provided in Sections 6.5 or 6.10 below, as applicable. In such case, CONTRACTOR shall keep and present, in such form as CITY may request, an itemized accounting, together with appropriate supporting data.

**6.2.4** Pending final determination of cost to CITY, amounts not in dispute shall be included in Applications for Payment. The amount of credit to be allowed by CONTRACTOR to CITY for a deletion or change which results in a net decrease in the GMP shall be actual net cost. When both additions and credits covering related Work or substitutions are involved in a change, the allowance for Fee shall be figured on the basis of net increase, if any, with respect to that change.

**6.2.5** If CITY and CONTRACTOR do not agree with the adjustment in the Schedule or the GMP, such disagreement shall be submitted for dispute resolution in accordance with the provisions of this Contract.

**6.3 Change Proposals.** If CITY requests CONTRACTOR to submit a Change Proposal which would entitle CONTRACTOR to an increase in the GMP for costs of preparation of such Change Proposal pursuant to the provisions of this Section 6.3, CONTRACTOR shall first estimate the costs of preparing such Change Proposal and inform CITY in writing of such costs. CITY shall then direct CONTRACTOR either to proceed with the Change Proposal or cancel the Change Proposal. If CITY directs CONTRACTOR to proceed with the Change Proposal and then elects not to proceed with the Change Order contemplated therein, a Change Order shall be issued to reimburse CONTRACTOR for costs reasonably incurred by CONTRACTOR on account of such Change Proposal, but only to the extent the Change Order contemplated by such Change Proposal involves a material change to the scope of the Work requiring modification to one or more systems which have been designed and approved in accordance with the standards set forth in the technical specifications. To the extent the preparation of such Change Proposal impacts the Schedule (e.g., other Work is suspended pending a decision on such Change Proposal or the design or Design-Assist Work is delayed due to the preparation of the Change Proposal), an equitable adjustment in the Schedule shall be made.

**6.4 Claims.** CONTRACTOR shall submit any claims for additional compensation to CITY in writing. The claim shall set forth the reason(s) that CONTRACTOR believes additional compensation will or may be due, the nature of the costs involved, and insofar as possible, the amount of the potential claim. The notice must be given to the Project Manager prior to the time that CONTRACTOR shall have performed the work giving rise to the potential work for additional compensation, if based on an act or failure to act by CITY, or in all other cases within fifteen (15) calendar days after happening of the event, thing or occurrence giving rise to the potential claim. Any and all Claims not presented as required herein shall be waived.

**6.5 Change Orders Increasing or Decreasing Scope.**

**6.5.1 Increased Scope.** With respect to Change Orders which increase the Scope of Work described on Exhibit F, are not due to the errors or omissions of CONTRACTOR and are not attributable to Excusable Delays or the contingencies set forth in Section 6.6 below, the GMP shall be increased by the following "Scope Change Costs":

**6.5.1.1 Construction Work and Mark Ups.**

**6.5.1.1.1** The estimated increase in the Cost of the Work attributable to the Change Order and which would not have been incurred but for the Change Order and/or Work Directive. In addition, CONTRACTOR may add a markup of up to fifteen percent (15%), subject to the discretion of the Project Manager, to the increase in the Cost of the Work due to the Change Order. This markup shall constitute full compensation for all delay costs, overhead costs and profit. The GMP shall be revised accordingly.

**6.5.1.1.2** When Change Order work is performed by a Subcontractor(s), each Subcontractor may add a markup of up to ten percent (10%), subject to the discretion of the Project Manager, to their direct costs for labor, materials and equipment used in performing the Change Order work. The GMP shall be revised accordingly.

**6.5.2 Decreased Scope.** With respect to Change Orders, which decrease the Scope of Work described on Exhibit F, the GMP shall be decreased by the Cost of Work attributable to such Change Order and/or Work Directive. Furthermore, if the Change Order deletes a part of the Scope of Work, CONTRACTOR shall be entitled to retain a value of seven and one half percent (7.5%) of the full value of the reduction in Cost of Work attributable only to the portion of the Scope of Work deleted from the Scope of Work. The GMP shall be revised accordingly.

**6.6 Change Orders on Account of Contingencies.** With respect to Change Orders which are attributable to the following contingencies, the GMP shall be adjusted (increased or decreased) by the following "**Contingency Costs**," consisting of the following:

**6.6.1** With respect to new or increased taxes arising after the date of this Agreement (other than taxes assessed based on the income of CONTRACTOR), the Change Order shall consist of the incremental amount of such new or increased taxes only. With respect to reductions in taxes arising after the date of this Agreement (other than taxes assessed based on

the income of CONTRACTOR), the Change Order shall consist of the incremental amount of such reduced taxes only.

**6.6.2** With respect to increases or decreases in fees for permits or other governmental certificates or instruments arising after the date of this Agreement, the Change Order shall consist of the incremental amount of such increases or decreases. To the extent this Agreement states that a permit or certificate is not required and CONTRACTOR is later required to procure such permit or certificate, all out-of-pocket costs reasonably associated therewith shall be included in the Change Order.

**6.7 Change Orders on Account of Excusable Delay.** With respect to Change Orders, which are attributable to Excusable Delays, and subject to the exceptions set forth in Section 6.7.3 below, the GMP shall be increased by the following “Delay Costs”:

**6.7.1 Construction Work.**

**6.7.1.1** Increased allowable labor costs resulting from wage increases paid due to the delay;

**6.7.1.2** Premiums for overtime and extra shifts incurred in accelerating the Work, but only if acceleration is required in advance by CITY:

**6.7.1.3** Proven increased material costs;

**6.7.1.4** Additional general conditions costs which would not have been incurred but for the delay (itemized, and not based on a formula allocation);

**6.7.1.5** Demobilization and remobilization costs; and

**6.7.1.6** Additional items of Cost of the Work attributable to the Excusable Delay and which would not have been incurred but for the Excusable Delay.

**6.7.2 Intentionally left blank.**

**6.7.3 Exceptions.** The following exceptions to the provisions of Section 6.7.1 above shall apply:

**6.7.3.1** With respect to the Excusable Delay described in Section 4.4.2.1, the cost described in Section 6.7.1 shall not be compensable delay costs if such Excusable Delay occurs prior to the commencement of the Construction Work.

**6.7.3.2** With respect to the Excusable Delay described in Section 4.4.2.2, the cost described in Section 6.7.1 shall not be compensable delay costs if such Excusable Delay occurs prior to the commencement of the Construction Work.

**6.7.3.3** With respect to the Excusable Delay described in Section 4.4.2.4, costs incurred in connection with such delay may increase the GMP.

**6.7.3.4** With respect to the Excusable Delay described in Section 4.4.2.5, in addition to the compensation provided in Section 6.7.1, CONTRACTOR shall be entitled to the additional costs set forth in Section 6.10.

**6.7.3.5** With respect to the Excusable Delay described in Section 4.4.2.7, additional compensation shall only be paid if the change in Applicable Law is not a change in law of general application (e.g., CAL/OSHA), but is a change in law specifically affecting the Project.

**6.8** [Intentionally deleted.]

**6.9** Intentionally left blank.

**6.10 Change Orders on Account of Differing Site Conditions.** If CONTRACTOR encounters conditions described in Section 4.4 which constitute Excusable Delay, in addition to the increase in the GMP on account of delay costs incurred by CONTRACTOR (as described in Section 6.7.1), the GMP shall also be increased by the additional Cost of the Work attributable to such conditions which would not have been incurred but for such conditions.

**6.11 Time Extensions on Account of Change Orders.** CONTRACTOR shall be entitled to a time extension in connection with any Change Order to the extent its time of performance is extended due to such Change Order. CONTRACTOR shall present to CITY a CPM analysis showing how the Change Order affects the critical path of the Work.

## **ARTICLE 7 CORRECTION OF WORK**

**7.1 Correction of Work Prior to Completion.** Prior to the date of Final Completion, CONTRACTOR shall correct Work which (a) CITY reasonably rejects as being defective or nonconforming to the requirements of the Contract Documents in a written notice delivered to CONTRACTOR or (b) CONTRACTOR recognizes is defective or nonconforming to the Contract Documents. If other portions of the Work are adversely affected by or are damaged by such defective Work, CONTRACTOR shall also correct, repair or replace such affected or damaged Work, as well as any other property of CITY or others damaged by such defective or nonconforming Work. Prior to the date of Final Completion, the cost of correcting any damaged or defective work shall be paid as a Cost of the Work.

**7.2 Correction of Work After Completion.** For defects identified by CITY and for which CITY has notified CONTRACTOR within a period of twelve (12) months after the date of Final Completion, or within such longer period as may be provided by special warranties contained in the Contract Documents, CONTRACTOR shall re-execute, correct, repair or replace all Work found to be defective or nonconforming to the Contract Documents (whether arising from a construction defect, error, omission or deficiency). If other portions of the Work are adversely affected by or damaged by such defective Work, CONTRACTOR shall also correct, repair or

replace such affected or damaged Work, as well as any other property of CITY or others damaged by such defective or nonconforming Work.

**7.3 Acceptance of Nonconforming Work.** If CITY prefers to accept Work, which is not in accordance with the requirements of the Contract Documents, CITY may do so instead of requiring its removal and correction, in which case the GMP will be reduced as appropriate and equitable. Such adjustment shall be effected whether or not final payment has been made.

**7.4 No Effect on Limitations.** Nothing contained in this Article shall be construed to establish a period of limitation with respect to other obligations, which CONTRACTOR may have under the Contract Documents.

## **ARTICLE 8 SUBCONTRACTORS**

### **8.1 Subcontracts**

**8.1.1 Incorporation of Contract Documents.** CONTRACTOR may enter into Subcontracts with various Subcontractors for portions of the Work. The Subcontracts shall require each Subcontractor, to the extent of the Work to be performed by such Subcontractor, to assume towards CONTRACTOR all the obligations and responsibilities which CONTRACTOR assumes towards CITY. All Subcontracts shall incorporate the terms of this Agreement and the Contract Documents to the extent applicable to the Work to be performed by the Subcontractor.

**8.1.2 Approval of Subcontractors.** Those portions of the Construction Work that the CONTRACTOR does not intend to perform with CONTRACTOR's own personnel shall be performed under Subcontracts. A proposed list of Subcontractors shall be submitted to CITY for approval. Proposed Subcontractors will be deemed accepted unless CITY objects in writing within five (5) days after submission by CONTRACTOR.

## **ARTICLE 9 INSURANCE AND BONDS; INDEMNIFICATION**

### **9.1 Insurance to be provided by CONTRACTOR:**

**A. Evidence of Coverage.** CONTRACTOR shall, at all times, maintain in full force and effect at a minimum the insurance required by this section; and CONTRACTOR shall not allow any subcontractor to commence Work until similar insurance required of the subcontractor has been obtained and filed. An original Certificate of Insurance, and copies of all required endorsements, all in a form approved by the Risk Manager, evidencing all required coverage or policies shall be filed after the award of the bid and prior to approval of the Contract by the City Council. CONTRACTOR shall provide ten (10) Days prior written notice to CITY of any reduction of coverage limits or cancellation of the coverage or policies shall be given to the City of Roseville as Certificate holder.



**B. Qualifying Insurers.** With the exception of the State Compensation Insurance Fund, all required insurance policies shall be issued by companies licensed to do business in the State of California and who hold a current policy holders alphabetic and financial size category rating of not less than AVII according to the most recent issue of Best's Insurance Reports.

**C. Insurance Required.** Commercial General Liability, automobile liability, and worker's compensation insurance shall be maintained as follows:

- |    |                                  |                             |
|----|----------------------------------|-----------------------------|
| 1. | Commercial General Liability     | \$2,000,000 each occurrence |
|    | Minor Construction Project       | \$4,000,000 aggregate       |
|    | (Projects under \$1,000,000)     |                             |
|    |                                  | Personal Injury:            |
|    |                                  | \$2,000,000 each occurrence |
|    |                                  | \$4,000,000 aggregate       |
|    | Commercial General Liability for | \$5,000,000 each occurrence |
|    | Major Construction Projects      | \$10,000,000 aggregate      |
|    | (Projects over \$1,000,000)      |                             |
|    |                                  | Personal Injury:            |
|    |                                  | \$5,000,000 each occurrence |
|    |                                  | \$10,000,000 aggregate      |

The Commercial General Liability policy shall include coverage or endorsements for:

- a. Completed operations.
- b. Losses related to independent contractors, products and equipment.
- c. Explosion, collapse and underground hazards.

The Commercial General Liability Insurance shall include the following, copies of which shall be provided:

- a. Inclusion of the City of Roseville, and its officers, agents, employees and volunteer, as additional insured (except for workers' compensation as respects services or operations under the Contract. The additional insured endorsement for the general liability policy shall be at least as broad as the Insurance Services Office ("ISO") CG 20 38 04 13 or an equivalent, blanket endorsement or section of the policy. Endorsements must include coverage for on-going and completed operations. Endorsements shall cover the City of Roseville, its officers, agents, employees, and volunteers.
- b. Cross liability and severability of interest clauses providing that the insurance applies separately to each insured except with respect to the limits of liability.
- c. Stipulation that the insurance is primary and noncontributory, as evidenced by a separate endorsement (CG 20 01 04 13 or an equivalent) or section of the policy, and that neither CITY nor its insurers will be called upon to contribute to a loss.
- d. Such insurance shall specifically cover the contractual liability of the CONTRACTOR.
- e. Any available insurance proceeds in excess of the specified minimum insurance

coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

- f. Waiver of subrogation endorsement.
- g. CONTRACTOR shall furnish a certificate for the period covered.

**SPECIAL NOTICE - CLAIMS MADE COVERAGE:**

**Liability insurance coverage may not be written on a "claims made" basis. The Certificate of Insurance must clearly provide that the coverage is on an "occurrence" basis.**

2. Comprehensive Automobile Liability for bodily injury (including death) and property damage which provides total limits of not less than One Million Dollars (\$1,000,000) combined single limits per accident, applicable to all owned, non-owned, and hired vehicles.

3. Statutory Workers' Compensation and Employer's Liability Insurance, including a waiver of subrogation endorsement and a Broad Form "All-States" Endorsement for all employees engaged in services or operations under the Contract. The employer's liability insurance shall provide limits of not less than One Million Dollars (\$1,000,000) per occurrence. Both the worker's compensation and employer's liability policies shall contain the Insurer's waiver of subrogation in favor of CITY, its officers, agents, employees, and volunteers.

4. Builder's Risk/Course of Construction Insurance: CONTRACTOR shall be responsible for all loss, damage or destruction whatsoever to the Work called for by this Contract until the approval of a Notice of Completion. CONTRACTOR shall secure "All Risk" type of builder's Risk Insurance of the type covering one hundred percent (100%) of the value of the Work performed under this Contract (the value is presumed to be the Contract amount unless otherwise stated in Supplemental Conditions) and all materials, equipment, or other items to be incorporated therein while the same are located at the construction site, a bonded warehouse, or its place of manufacture. At any time, the policy shall cover the value of the Work completed. The policy shall cover hazards including the losses due to fire, explosion, hail, rain, lightning, flood (separate insurance as needed), vandalism, malicious mischief, wind, collapse, aircraft, and smoke.

The policies providing such insurance shall name CITY as a loss payee as its respective interests may appear, and certified copies of such policies shall be filed with CITY. The maximum deductible allowable under the Builder's All Risk policy shall be five percent (5%) of the Contract amount.

Builder's Risk Insurance is not required for coverage of losses in excess of five percent (5%) of the Contract amount for damages resulting from earthquake in excess of a magnitude of 3.5 on the Richter scale, or tidal waves. Coverage in the amount of five percent (5%) of the Contract amount for such losses is required.

**D. Other Insurance Provisions.**

1. The requirements of the Contract Conditions as to types and limits of insurance coverage to be maintained by CONTRACTOR, and any approval of insurance by CITY, are not intended to, and shall not in any manner limit or qualify the liabilities and obligations otherwise assumed by CONTRACTOR pursuant to the Contract, including, but not limited to, the provisions concerning indemnification, nor preclude CITY from taking any other action available to it under any other provision of the Contract or law.

2. CITY acknowledges that some insurance requirements contained in the Contract Conditions may be fulfilled by self-insurance on the part of CONTRACTOR. However, this shall not in any way limit liabilities assumed by CONTRACTOR under the Contract. Any self-insurance must be approved in writing by CITY, in its sole discretion and shall not reduce the limits of liability. Any deductibles or self-insured retentions ("SIR") must be declared on the certificate of insurance and approved by CITY in writing. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or CITY. CITY reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

3. CONTRACTOR agrees to include in its contracts with all subcontractors the same requirements and provisions of this Contract, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor's work. Furthermore, CONTRACTOR shall require its subcontractors to agree to be bound to CONTRACTOR and CITY in the same manner and to the same extent as CONTRACTOR is bound to CITY under this Contract. Additionally, CONTRACTOR shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request. Alternatively, CONTRACTOR may insure subcontractor(s) under its own policy.

4. CITY, its officers, agents, employees and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of CONTRACTOR; and with respect to liability arising out of work or operations performed by or on behalf of CONTRACTOR including materials, parts or equipment furnished in connection with such work or operations. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under California Insurance Code Section 11580.04. In addition, the insurance policy may not contain language which prohibits additional insureds or other insurers from satisfying the self-insured retention or deductible.

5. The limits of insurance required in this Contract may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of CITY (if agreed to in a written contract) before the CITY's own insurance shall be called upon to protect it as a named insured.

6. In the event CONTRACTOR retains the Architect/Engineer, CONTRACTOR shall require its Architect/Engineer to provide professional liability (errors and omissions) insurance (certificate and additional insured endorsement) in the amount of \$2,000,000.

**7. CITY RESERVES THE RIGHT TO WITHHOLD ANY PROGRESS PAYMENTS TO CONTRACTOR IN THE EVENT OF NONCOMPLIANCE WITH ANY INSURANCE REQUIREMENTS.**

**9.2 Insurance to be provided by CITY.** [not applicable]

**9.3 Payment, Performance and Warranty Bonds.** CONTRACTOR shall furnish and deliver to CITY Performance, Labor & Materials, and Warranty Bonds issued by a surety prior to, and as a condition precedent to, commencement of the Construction Work on the Site; provided, however, the Warranty Bond shall be waived if such bond is not required pursuant to CITY's request for proposals for the Project. The Payment and Performance Bonds shall be in a penal sum equal to one hundred percent (100%) of the GMP, and the Warranty Bond shall be in the penal sum equal to ten percent (10%) of the GMP. All bonds shall be in the form as set forth in Exhibit E hereto. All premiums for the Performance, Labor & Materials, and Warranty Bonds shall be a Cost of the Work. CITY shall have the right to withhold any payment(s) under this Agreement until CONTRACTOR has fully complied with this sub-section.

**9.4 Indemnification.** To the fullest extent allowed by law, CONTRACTOR shall defend, indemnify, and hold harmless, CITY, its officers, employees, agents, and volunteers, and each and every one of them, from and against all actions, damages, claims, losses, expenses or other liabilities of every type and description, including reasonable attorney fees, to which they may be subjected or put, by reason of, or resulting from, the performance of the Work, whether upon or off the Work, including the loss of use thereof, that is caused in whole or in part by willful or reckless misconduct and/or any negligent or wrongful act or omission of CONTRACTOR, any Subcontractor, and anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, whether or not it is caused in part by a party indemnified hereunder, except for such claims arising from the sole or active negligence of CITY. The parties intend that this provision shall be broadly construed.

CONTRACTOR's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Agreement for the full period of time allowed by law. The defense and indemnity obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Agreement.

## **ARTICLE 10 PROTECTION OF PERSONS AND PROPERTY**

**10.1 Safety Precautions and Programs.**

**10.1.1 Site Safety.** CONTRACTOR shall be responsible for initiating, maintaining and providing supervision of safety precautions and programs in connection with the Work, and shall also comply with any and all insurance carrier-mandated safety requirements and programs.

**10.1.2 Safety Notices.** In connection with the performance of the Work, CONTRACTOR shall provide notices and comply with all Applicable Laws bearing on the safety of persons and property and their protection from damage, injury or loss.

## **10.2 Safety of Persons and Property.**

It is the intent of the parties that CITY is not an exposing, creating, controlling, or correcting employer under California Labor Code Section 6400. In accordance with generally accepted fabrication and construction practices and all applicable Laws and Standards and Codes, CONTRACTOR shall have the authority and be solely and completely responsible for the safety of all property utilized and all persons performing under this Agreement. Moreover, the CONTRACTOR shall be the controlling employer and has the authority and responsibility to enforce safety for all fabrication, construction work, and Work performed under this Agreement. The services of CITY's contract administrator, if any, in conducting a review of CONTRACTOR's performance under this Agreement is not intended to include a review of the adequacy of CONTRACTOR's work methods, equipment or safety measures. If CITY and/or its contract administrator observes a safety violation related to the CONTRACTOR's performance under this Agreement, then CITY and/or its contract administrator will report the violation to the CONTRACTOR who is then responsible for assuring the violation is abated.

CONTRACTOR is hereby informed that work on this Project could be hazardous. CONTRACTOR shall carefully instruct all personnel performing under this Agreement in potentially hazardous work areas as to potential dangers and shall provide such necessary safety equipment and instructions as are necessary to prevent injury to personnel and damage to property.

All Equipment, Work and materials provided under this Agreement shall be in strict accordance with all applicable Laws and Standards and Codes, and attention is drawn to the requirements of CAL/OSHA.

CONTRACTOR shall perform under this Agreement so as not to expose personnel to, or to discharge into the atmosphere from any materials brought to the Site by CONTRACTOR, smoke, dust, asbestos, toxic chemicals or other air contaminants in violation of applicable Laws and Standards and Codes.

**10.2.1 Reasonable Precautions.** CONTRACTOR shall take all precautions and implement all safety measures and requirements imposed by any Applicable Law. Without limiting the generality of the foregoing, CONTRACTOR shall take necessary precautions for the safety of, and shall provide necessary protection to prevent damage, injury or loss to:

**10.2.1.1** Employees on the Work and other persons who may be affected thereby;

**10.2.1.2** The Work and materials and equipment to be incorporated therein, whether in storage on or off the Site under care, custody or control of CONTRACTOR; and

**10.2.1.3** Other property at the Site or adjacent thereto, such as trees, shrubs, lawns, walks, pavements, roadways, structures and utilities not designated for removal, relocation or replacement in the course of the Construction Work.

**10.2.2 Safeguards.** CONTRACTOR shall erect and maintain, as required by existing conditions and performance of the Work, reasonable safeguards for safety and protection, including posting danger signs and other warnings against hazards, promulgating safety regulations and notifying CITY and users of adjacent sites and utilities, and shall comply fully with the requirements of CAL/OSHA.

**10.2.3 Use of Explosives.** Use of explosives is prohibited, unless approved in advance in writing by CITY. CITY may impose reasonable conditions on the use of explosives.

**10.2.4 Remedy of Damage.** CONTRACTOR shall promptly remedy damage and loss to property referred to in Sections 10.2.1.2 and 10.2.1.3 caused in whole or in part by CONTRACTOR, or anyone employed by or in control of CONTRACTOR, or any Subcontractor. All costs incurred by CONTRACTOR in connection with its obligations under this Section shall be cost of the Work, but shall not increase the GMP.

**10.2.5 Designation of Safety Coordinator.** [reserved]

**10.2.6 Loads.** CONTRACTOR shall not load or permit any part of the Construction Work or the Site to be loaded so as to endanger its safety.

**10.3 Security.** CONTRACTOR shall take any and all precautions that may be reasonably necessary to render all portions of the Work, the Site and any adjacent areas affected by the Work secure in all material respects, to decrease the likelihood of accidents, and to avoid vandalism and other contingencies which are liable to delay the Work or give rise to claims or liabilities. CONTRACTOR shall furnish and install all necessary facilities to provide safe means of access to all points where Work is being performed. CONTRACTOR shall take all precautions and measures as may be reasonably necessary to secure the Project at all hours, including evenings, holidays and non-work hours. Such precautions may include provision of security guards.

**10.4 Damage to Property at the Site.** CONTRACTOR shall be responsible for any and all damage or loss to property at the Site, except to the extent caused by the acts or omissions of CITY or its representatives, agents or employees. The costs and expenses incurred by CONTRACTOR under this Article shall be paid as a Cost of the Work to the extent that such costs and expenses are in excess of or are not covered by required insurance, and to the extent of any deductibles. If such damage or loss is caused by CONTRACTOR, payment of such costs as Cost of the Work shall be limited by the provisions of Section 2.20.5 hereof.

**10.5 Damage to Property of Others.** CONTRACTOR shall avoid damage, as a result of CONTRACTOR's operations, to existing sidewalks, curbs, streets, alleys, pavements, utilities, adjacent property, the work of Separate Contractors and the property of CITY. CONTRACTOR shall repair any such damage caused by the operations of CONTRACTOR, which costs shall be paid as a Cost of the Work to the extent that such costs and expenses are in excess of or are not covered by required insurance, and to the extent of any deductible.

**10.6 Failure of CONTRACTOR to Repair Damage.** If CONTRACTOR fails to commence the repair of damage to property as set forth in this Article, and/or diligently pursue such repair, then CITY, after ten (10) Days prior written notice to CONTRACTOR (provided CONTRACTOR has not commenced such repair during such ten (10) Day period), may elect to repair such damages with its own forces and to deduct from payments due or to become due to CONTRACTOR amounts paid or incurred by CITY in correcting such damage.

**10.7 Emergencies.** In an emergency affecting the safety of persons or property, CONTRACTOR shall act, at CONTRACTOR's discretion, to prevent threatened damage, injury or loss. Additional costs or extensions of time caused by CONTRACTOR on account of an emergency not caused by the fault or neglect of CONTRACTOR shall be determined as provided in Section 6.2 hereof.

## **ARTICLE 11 DISPUTES**

**11.1 Disputes between CITY and CONTRACTOR.** In the event of any dispute arising between CITY and CONTRACTOR regarding any part of the Contract or the Contract Documents, or the Parties' obligations or performance thereunder, and subject to any claims presentation requirements set forth in the Contract Documents, either Party may institute the dispute resolution procedures set forth herein. The Parties shall continue performance of their respective obligation hereunder notwithstanding the existence of a dispute.

**11.2 Dispute Resolution Procedures.** CONTRACTOR must submit all claims as defined in and in accordance with the claim resolution process set forth in Section 9204 of the Public Contract Code. Each such claim must be sent to CITY by registered mail or certified mail with return receipt requested and must contain reasonable documentation to support the claim. All claims must be received prior to acceptance of the Work and will be handled in accordance with the procedures set forth in Section 9204 of the Public Contract Code.

## **ARTICLE 12 EVENTS OF DEFAULT AND REMEDIES; TERMINATION**

**12.1 CONTRACTOR Events of Default.** The following shall be considered "CONTRACTOR Events of Default":

**12.1.1** If CONTRACTOR fails or neglects to carry out the Work in accordance with the provisions of the Contract Documents, and fails, after seven (7) Days' notice from CITY, to commence a cure to correct such failure or neglect and thereafter diligently pursue such cure to completion;

**12.1.2** If CONTRACTOR materially breaches this Agreement and fails, after seven (7) Days' notice from CITY, to commence a cure to correct such breach and thereafter diligently pursue such cure to completion (such breach to include, but not be limited to, failure to make payment to Subcontractors for materials or labor in accordance with the respective agreements between CONTRACTOR and the Subcontractors or violation of Applicable Laws);

**12.1.3** If a custodian, trustee or receiver is appointed for CONTRACTOR, or if CONTRACTOR becomes insolvent or bankrupt, is generally not paying its debts as they become due or makes an assignment for the benefit of creditors, or CONTRACTOR causes or suffers an order for relief to be entered with respect to it under applicable bankruptcy law or applies for or consents to the appointment of a custodian, trustee or receiver for CONTRACTOR, or bankruptcy, reorganization, arrangement or insolvency proceedings, or other proceedings for relief under any bankruptcy or similar law or laws for the relief of debtors, are instituted by or against CONTRACTOR, and in any of the foregoing cases such action is not discharged or terminated within sixty (60) Days of its institution.

## **12.2 Remedies of CITY upon a CONTRACTOR Event of Default.**

**12.2.1 Termination of Contract.** Upon the occurrence of a CONTRACTOR Event of Default, CITY shall have the right to terminate this Contract upon an additional seven (7) Days written notice to CONTRACTOR, provided that CONTRACTOR has not commenced a cure within such seven (7) Day period. Without prejudice to any other rights or remedies of CITY, CITY may:

**12.2.1.1** Take possession of the Site and of all materials, equipment, tools and construction equipment thereon owned by CONTRACTOR;

**12.2.1.2** Accept assignment of Subcontracts; and

**12.2.1.3** Finish the Work by whatever reasonable method CITY may deem expedient.

**12.2.1.4** When CITY terminates the Contract as aforesaid, CONTRACTOR shall not be entitled to receive further payment until the Work is finished. If the unpaid balance of the GMP exceeds costs incurred in finishing the Work, such excess shall be paid to CONTRACTOR, up to the amount due CONTRACTOR for work performed prior to termination. If such costs exceed the unpaid balance of the GMP, CONTRACTOR shall pay the difference to CITY.

**12.2.2 Recourse to Payment and Performance Bonds.** Upon the occurrence of a CONTRACTOR Event of Default and termination of this Contract by CITY, CITY may call



upon the Surety to perform its/their obligations under the Payment and Performance Bonds, if applicable.

**12.3 Remedies not Exclusive.** Except as otherwise provided in this Agreement, no remedy hereunder is intended to be exclusive of any other remedy, but each and every such remedy shall be cumulative and shall be in addition to any other available legal or equitable remedy, existing now or hereafter. No delay or omission to exercise any right or power accruing shall impair any such right or power nor shall it be construed to be a waiver of any Event of Default or acquiescence therein, and every such right and power may be exercised from time to time as often as may be deemed expedient.

#### **12.4 Termination or Suspension for Convenience.**

**12.4.1 Termination for Convenience.** CITY may, without cause, terminate this Contract, or any portion of Work to be performed hereunder at any time by a notice in writing from CITY to CONTRACTOR for CITY's convenience. In such case, CITY shall pay to CONTRACTOR all funds due CONTRACTOR for work performed up to the date of termination, plus all demobilization and close-out costs, including, but not limited to, any amounts payable to Subcontractors for early termination, plus reasonable overhead and profit on Work performed. All funds due hereunder, including unpaid Retention, shall be released within thirty (30) Days of termination of the Contract for convenience, subject to any withholding required or authorized by any Applicable Law. In no event shall such amounts owed to CONTRACTOR exceed the GMP.

**12.4.2 Suspension for Convenience.** CITY may, without cause, order CONTRACTOR in writing to suspend, delay or interrupt the Work in whole or in part for such period of time as CITY may determine. An adjustment shall be made for increases in the cost of performance of the Work, including Fee on the increased cost of performance, caused by the suspension, delay or interruption, in accordance with the Change Order provisions of this Contract. No adjustment shall be made to the extent (1) the performance is, was or would have been so suspended, delayed or interrupted by another cause for which CONTRACTOR is responsible or (2) that an equitable adjustment to the GMP and/or Schedule is made or denied under another provision of this Contract. Adjustments made in the cost of performance may have a mutually agreed fixed or percentage Fee.

### **ARTICLE 13 MISCELLANEOUS PROVISIONS**

**13.1 Governing Law.** This Contract shall be construed with and governed by the laws of the State of California.

**13.2 Successors and Assigns.** CITY and CONTRACTOR respectively bind themselves, their partners, shareholders, successors, assigns and legal representatives to the other Party hereto and to shareholders, successors, assigns and legal representatives of such other Party in respect to

covenants, agreements and obligations contained in the Contract Documents. Neither Party shall assign the Contract without the prior written consent of the other.

**13.3 Notice.** Any notices to Parties required by this Agreement shall be delivered or mailed, U.S. first class, postage prepaid, addressed as follows:

**If to CITY:**

Jason Shykowski  
311 Vernon Street  
Roseville, CA 95678

**If to CONTRACTOR:**

James E. Carter  
P.O. Box 1477  
Placerville, CA 95667

Address for Notice may be changed by Notice to the other Party.

**13.4 Prevailing Wages.** For purposes of this Agreement, CONTRACTOR and its Subcontractors shall comply with all applicable prevailing wage laws, e.g., but not limited to, California Labor Code Sections 1770 et seq. In accordance with said Section 1775, CONTRACTOR shall forfeit as a penalty to the City Two Hundred Dollars (\$200) for each calendar Day or portion thereof for each worker paid less than the prevailing rates for such work or craft in which such worker is employed for any work done on-Site under the Agreement by CONTRACTOR or by any Subcontractor in violation of the provisions of the Labor Code and in particular, Labor Code Sections 1770 to 1780, inclusive. In addition to said penalty and pursuant to said Section 1775, the difference between such stipulated prevailing wage rates and the amount paid to each worker for each calendar Day or portion thereof for which each worker was paid less than the stipulated prevailing wage shall be paid to each worker by CONTRACTOR or the applicable Subcontractor.

Pursuant to the provisions of California Labor Code Sections 1773, the Department has identified the source, stated below, of the General Prevailing Rate of Wages applicable to the work to be done, for straight time, overtime, and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of worker concerned. These wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: <http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>, which is a part of this Agreement.

Pursuant to Labor Code Section 1773.2, General Prevailing Wage Rates set forth above, which forms a part of this Agreement, shall be posted by CONTRACTOR at a prominent place at the Site. Prevailing wage rates to be posted at the Site will be furnished by the Department. The possibility of wage increases is one of the elements to be considered by CONTRACTOR in determining its Proposal, and will not under any circumstances be considered as the basis of a claim against CITY or the Agreement.

**13.5 Modifications.** No Modifications or Change Orders shall be valid unless in writing and signed by CITY and CONTRACTOR.

**13.6 Interpretation.** Any and all headings of this Agreement are for convenience of reference only and do not modify, define or limit the provisions thereof. Words of any gender shall be deemed and construed to include correlative words of the other gender. Words importing the singular number shall include the plural number and vice versa, unless the context shall otherwise be deemed to include all supplements and/or amendments to any such exhibits or documents entered into in accordance with the terms hereof and thereof. All references to any person or entity shall be deemed to include any person or entity succeeding to the rights, duties and obligations of such person or entity in accordance with the terms of this Agreement. Where reference is made in this Agreement to another Contract Document, the reference refers to that provision as amended or supplemented by the other provisions of the Contract Documents. In the event of any conflict between or among the Contract Documents, the provisions of this Agreement shall govern.

**13.7 Severability.** If any provision of this Agreement is held to be inoperative or unenforceable as applied in any particular case because it conflicts with any other provision hereof or any constitution, statute, ordinance, rule of law or public policy, or for any other reason, such holding shall not have the effect of rendering the provision in question inoperative or unenforceable in any other case, or of rendering any other provision herein contained inoperative or unenforceable to any extent whatever. The invalidity of any one or more phrases, sentences, clauses or sections contained in this Agreement shall not affect the remaining portions of this Agreement or any part hereof, and they shall otherwise remain in full force and effect.

**13.8 Whole Agreement.** This Agreement, the Exhibits hereto and the Contract Documents, specifications and Drawings shall constitute the entire agreement between the Parties, and no inducements, considerations, promises or other references shall be implied in this Agreement that are not expressly addressed herein

**13.9 Accounting Records.** CONTRACTOR shall keep full and detailed accounts and exercise such controls as may be necessary for proper financial management under this Agreement; the accounting and control systems shall be reasonably satisfactory to CITY. CITY and CITY's accountants shall be afforded access to CONTRACTOR's records, books, correspondence, instructions, drawings, receipts, Subcontracts, vouchers, memoranda and other data relating to this Agreement, and CONTRACTOR shall preserve these for a period of three (3) years after final payment, or for such longer period as may be required by law.

**13.10 Intentionally left blank.**

**13.11 No Waiver.** Neither the inspection by CITY or its agents, nor any order or certificate for payment of money, nor payment for, nor acceptance of the whole or any part of the work by CITY, nor any extensions of time, nor any position taken by CITY or its agents shall operate as a waiver of any provision of this Agreement or of any power herein reserved to CITY or any right to damages herein provided, nor shall any waiver of any breach of this Agreement be held to be a waiver of any other or subsequent breach.

**13.12 CONTRACTOR Shall Assume Risks.** Until the Final Completion or acceptance by CITY of all Work under this Contract, the Work shall be under CONTRACTOR's responsible

care and charge. CONTRACTOR shall rebuild, repair, restore and make good all injuries, damages, corrections, and repairs occasioned or rendered necessary by accidental causes of any nature, to all or any portions of the Work, except as otherwise stipulated.

**13.13 General Liability of CONTRACTOR.** Except as otherwise herein expressly stipulated, CONTRACTOR shall perform all the work and furnish all the labor, materials, tools power and light, and appliances, necessary or proper for performing and completing the Work herein required in the manner within the time herein specified. The mention of any specific duty or liability of CONTRACTOR shall not be construed as a limitation or restriction of any general liability or duty of CONTRACTOR and, any reference to any specific duty or liability shall be construed to be the purpose of explanation.

**13.14 Attorney's Fees and Venue.** If either Party commences any legal action against the other Party arising out of this Agreement or the performance thereof, the prevailing Party shall be entitled to recover its reasonable litigation expenses, including but not limited to, court costs, expert witness fees, discovery expenses, and attorney's fees. Any action arising out of this Agreement shall be brought in Placer County, California, regardless of where else venue may lie. To the extent permitted by applicable law, each Party waives any defense that it may have based on lack of *in personam* jurisdiction or *forum nonconveniens*.

**13.15 Third Party Beneficiaries.** There are no third party beneficiaries to this Agreement.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attested to by its City Clerk under the authority of Resolution No. \_\_\_\_\_, adopted by the Council of the City of Roseville on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, and CONTRACTOR has caused this Agreement to be executed.

CITY OF ROSEVILLE, a  
municipal corporation:

CARTER/KELLY, INC., a  
California corporation

BY: \_\_\_\_\_  
DOMINICK CASEY  
City Manager

BY:   
James E. Carter  
its: President

ATTEST:

and

BY: \_\_\_\_\_  
CARMEN AVALOS  
City Clerk

BY:   
Maureen Carter  
its: Secretary/Treasurer

APPROVED AS TO FORM:

BY: \_\_\_\_\_  
MICHELLE SHEIDENBERGER  
City Attorney

APPROVED AS TO SUBSTANCE

By:  \_\_\_\_\_  
JASON SHYKOWSKI  
Public Works Director

**LIST OF EXHIBITS:**

|                  |                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Exhibit A</b> | <b>Guaranteed Maximum Price</b>                                                                                                               |
| <b>Exhibit B</b> | <b>Construction Allowance Items [reserved]</b>                                                                                                |
| <b>Exhibit C</b> | <b>Hazardous Materials</b>                                                                                                                    |
| <b>Exhibit D</b> | <b>In Lieu of Securities Escrow Agreement</b>                                                                                                 |
| <b>Exhibit E</b> | <b>Performance, Labor &amp; Materials, and Warranty Bonds</b><br><b>(Note: Warranty Bond requirement may be waived at the option of CITY)</b> |
| <b>Exhibit F</b> | <b>CONTRACTOR's Proposal</b>                                                                                                                  |

## **EXHIBIT A**

### **GUARANTEED MAXIMUM PRICE, FEE, AND COST OF WORK**

**A. GUARANTEED MAXIMUM PRICE:** The **Guaranteed Maximum Price** as of the date of execution of this Agreement is one million, three hundred forty thousand dollars (\$1,340,000), U.S. Currency.

**B. FEE AND CONTINGENCY:** The Fee and Contingency amounts, if any, are as stated in the Proposal.

**C. COST OF THE WORK:**

**1. "Cost of the Work."** The term "Cost of the Work" shall mean costs incurred by CONTRACTOR in the performance of the Work, that do not exceed the GMP. The following are categories of cost and expense to be paid by CITY to CONTRACTOR as Cost of the Work:

**2. Construction Costs.**

**2.1 Labor Costs.**

**2.1.1** Wages of construction workers directly employed by CONTRACTOR to perform the construction of the Work at the Site or, with CITY's agreement, at off-site workshops.

**2.1.2** Wages or salaries of CONTRACTOR's supervisory and administrative personnel when stationed at the Site and wages, salaries and other costs of project management, pre-construction services, form design, foundation engineering, manpower planning, purchasing, estimating and data processing, whether performed at the Site or in CONTRACTOR's offices, including, but not limited to services rendered during the Design Phase of the Project.

**2.1.3** Wages and salaries of CONTRACTOR's supervisory or administrative personnel engaged at factories, workshops or on the road, in expediting the production or transportation of materials or equipment required for the Work, but only for that portion of their time required for the Work.

**2.1.4** Costs paid or incurred by CONTRACTOR for taxes, insurance, contributions, assessments and benefits required by law or collective bargaining agreements and, for personnel not covered by such agreements, customary benefits such as sick leave, medical and health benefits, holidays, vacations and pensions, provided such costs are based on wages and salaries included in subsections 2.1.1 through 2.1.3 above.

**2.2 Subcontract Costs.** Amounts due Subcontractors in accordance with the requirements of the Subcontracts.

**2.3 Costs of Materials and Equipment Incorporated in the Completed Construction.** Costs, including transportation, of materials and equipment incorporated or to be incorporated in the completed construction.

**2.4 Costs of other Materials and Equipment, Temporary Facilities, and Related Items.**

**2.4.1** Costs, including transportation, installation, maintenance, dismantling and removal of materials, supplies, temporary facilities, machinery, equipment and hand tools not customarily owned by the construction workers, which are provided by CONTRACTOR at the Site and fully consumed in the performance of the Work; and cost, less salvage value, on such items if not fully consumed, whether sold to others or retained by CONTRACTOR. Costs for items previously used by CONTRACTOR shall mean fair market value.

**2.4.2** Rental charges for temporary facilities, machinery, equipment and hand tools not customarily owned by the construction workers, which are provided by CONTRACTOR at the Site, whether rented from CONTRACTOR or others, and costs of transportation, installation, minor repairs and replacements, dismantling and removal thereof. Rental charges for equipment owned by CONTRACTOR shall be at then prevailing rates.

**2.4.3** Costs of removal of debris from the Site.

**2.4.4** Costs of facsimiles, telegrams and long distance telephone calls, postage and delivery charges (whether originating at the Site or at the offices of CONTRACTOR or CONTRACTOR), telephone service at the Site and reasonable petty cash expenses of the Site office.

**2.5 Premiums; Taxes; Fees; Royalties.**

**2.5.1** That portion directly attributable to this Agreement of premiums for insurance and the Payment and Performance Bonds.

**2.5.2** Sales, use, gross receipts or similar taxes imposed by a governmental authority, which are related to the Work and for which CONTRACTOR is liable.

**2.5.3** Fees and assessments for any permits, licenses and inspections required by the Contract Documents.

**2.5.4** Fees of testing laboratories for tests required by the Contract Documents or government authorities.

**2.5.5** Royalties and license fees paid for the use of a particular design, process or product required by the Contract Documents. The costs of defending suits or claims for infringement of patent rights arising from such requirement by the Contract Documents;



payments made in accordance with legal judgments against CONTRACTOR or CONTRACTOR resulting from such suits or claims and payments of settlements in connection therewith.

**2.5.6** Deposits lost for cause other than CONTRACTOR's negligence.

**2.6 Emergencies.** Costs incurred in taking action to prevent threatened damage, injury or loss in case of emergency affecting the safety of persons and property, as provided in Section 10.7 of this Agreement.

**2.7 Other Costs.** Other costs incurred in the performance of the Work, if and to the extent approved in writing by CITY, which approval shall not be unreasonably withheld.

**3. Items not Included in Cost of the Work.**

**3.1** Salaries and other compensation of CONTRACTOR's personnel stationed at CONTRACTOR's principal office or offices other than the Site, except as specifically provided in subsections 2.1.2 and 2.1.3 above.

**3.2** Expenses of CONTRACTOR's principal office and offices, other than the Site office.

**3.3** Overhead and general expenses, except as may be included in Sections 1 and 2 above.

**3.4** The capital expenses of CONTRACTOR, including interest on capital employed for the Work.

**3.5** Costs that would cause the GMP to be exceeded.

# TRAFFIC SIGNAL MAINT T.I.

## Guaranteed Maximum Price

Carter-Kelly Inc.  
Company Name

1) Preconstruction Services: \$ 10,000.00

2) Direct Cost of Work: \$ 950,000.-

3) Construction Services:  
proposed dollar-amount cost \$ 171,000.-  
percentage of the estimated Direct Cost of the Work 18 %

4) Contractor's Contingency:  
proposed dollar-amount cost \$ 95,000.-  
percentage of the estimated Direct Cost of the Work 10 %

5) Contractor's Overhead & Profit:  
proposed dollar-amount cost \$ 114,000.-  
percentage of the estimated Direct Cost of the Work 12 %

Guaranteed Maximum Price \$ 1,340,000.

**EXHIBIT B**  
**CONSTRUCTION ALLOWANCE ITEMS**

**(reserved)**

**EXHIBIT C**  
**HAZARDOUS MATERIALS**

**1. Certain Definitions.**

**1.1 “Hazardous Materials” means any substance:**

**1.1.1** the presence of which requires investigation or remediation under federal, state or local law, statute, regulation, ordinance, order, action, policy or common law;

**1.1.2** which is or becomes defined as a “hazardous waste,” “hazardous substance,” pollutant or contaminant under any federal, state or local law, statute, regulation, rule or ordinance or amendments thereto, including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act, 42 USC §§9601 et seq. (“CERCLA”), as amended, or the Resource, Conservation and Recovery Act, as amended, 42 USC §§6901 et seq. (“RCRA”);

**1.1.3** which is petroleum, including crude oil or any fraction thereof not otherwise designated as a “hazardous substance” under CERCLA, including without limitation gasoline, diesel fuel or other petroleum hydrocarbons;

**1.1.4** which is toxic, explosive, corrosive, flammable, infectious, radioactive, carcinogenic, mutagenic, or otherwise hazardous and is or becomes regulated by any governmental authority or instrumentality;

**1.1.5** the presence of which on the Site causes or threatens to cause a nuisance upon the Site or to the adjacent properties or poses or threatens to pose a hazard to the health or safety of persons on or about the Site; or

**1.1.6** the presence of which on adjacent properties could constitute a trespass by CONTRACTOR or CITY.

**1.2 “Underground Storage Tank”** shall have the definition assigned to that term by RCRA §9001, 42 USC §6991, and also shall include:

**1.2.1** any tank of 1,100 gallons or less capacity used for storing motor fuel;

**1.2.2** any tank used for storing heating oil for consumption on the premises where stored;

**1.2.3** any septic tank; and

**1.2.4** any pipes connected to items 1.2.1-1.2.3.

**1.3 “Environmental Requirements”** means all Applicable Laws, statutes, regulations, rules, ordinances, codes, licenses, permits, orders and similar items of all federal, state or local governmental agencies or other instrumentalities and all applicable judicial, administrative and regulatory decrees, judgments and orders relating to the protection of human health or the environment, including, without limitation:

**1.3.1** all requirements, including but not limited to, those pertaining to reporting, licensing, permitting, investigation and remediation of emissions, discharges, releases or threatened releases of Hazardous Materials into the air, surface water, ground water or land, or relating to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials; and

**1.3.2** all requirements pertaining to the protection of the health and safety of employees or the public.

**1.4 “Environmental Damages”** means all claims, judgments, damages, losses, penalties, fines, liabilities, encumbrances, liens, costs and expenses of investigation and defense of any claim, including, without limitation, attorney's fees, which are incurred at any time as a result of the existence of Hazardous Materials upon, about or beneath the Site or migrating or threatening to migrate to or from the Site, and including, without limitation:

**1.4.1** damages for personal injury, or injury to property or to natural resources occurring upon or off the Site;

**1.4.2** fees incurred for the services of attorneys, consultants, CONTRACTOR, experts, laboratories and all other costs incurred in connection with the investigation or remediation of such Hazardous Materials or violation of Environmental Requirements; and

**1.4.3** liability to any third party or governmental agency or political subdivision to indemnify such party, agency or political subdivision for costs expended in connection with the items listed in subparagraph 1.4.2.

**1.5 “Environmental Conditions”** means collectively, Hazardous Materials and Underground Storage Tanks existing on the Site and not brought there by CONTRACTOR or any Subcontractor.

## **2. Investigation of Site.**

**2.1** Upon written notice from CITY, CONTRACTOR shall prepare for approval and execution by CITY, one or more contracts (“Environmental Contracts”) with suitably qualified consultants and/or engineers (“Environmental Engineers”), for purposes of performing an investigation and analysis of the Site prior to demolition and excavation activities, to determine the presence of any Environmental Conditions on, in or under the Site. The Environmental Contracts shall provide for a commercially reasonable scope of investigation approved by CITY, and may provide for conducting the investigation and testing in phases acceptable to CITY. The Environmental Contracts shall also provide that the Environmental Engineers shall begin their

tests and inspections at the Site as soon as CITY is able to arrange access to the Site, or any portions thereof, for such purposes. The Environmental Contracts shall provide that CONTRACTOR, acting as agent of CITY, shall coordinate the activities of the Environmental Engineers.

**2.2** The Environmental Contracts shall provide that the Environmental Engineers shall prepare such reports, feasibility studies and remedial plans ("Environmental Assessments") as may be reasonably necessary in order to identify and explain the quantity, scope and nature of the Environmental Conditions found to exist at the Site. The Environmental Assessments shall contain a detailed analysis of the Environmental Conditions discovered, and the actions ("Remedial Actions") required for the response, removal, cleanup or remediation of such Environmental Conditions (i) which are required by Environmental Requirements, or (ii) which are reasonably necessary to mitigate Environmental Damages.

**2.3** The Environmental Contracts shall provide that the Environmental Engineers shall promptly provide CITY and CONTRACTOR with a copy of each Environmental Assessment, together with any other reports and test results generated pursuant to the Environmental Contracts. CONTRACTOR shall, promptly after receipt of the foregoing matters from the Environmental Engineers, prepare and submit to CITY a written report setting forth CONTRACTOR's understanding of whether and to what extent any recommended Remedial Actions may result in an amendment to the Schedule and the progress of the Work.

**2.4** The Environmental Contracts shall provide that it shall be the responsibility of the Environmental Engineers to give any necessary notice to the appropriate regulatory agency or agencies of the presence of any Environmental Conditions; to pursue all necessary negotiations with such agencies concerning preparation and approval of a plan for clean-up to the extent required; and to obtain all necessary permits to perform any Remedial Actions.

### **3. Remedial Actions.**

**3.1** If so instructed by CITY, based upon the results of the Environmental Assessments, CONTRACTOR shall, as agent for CITY, obtain bids from remediation contractors ("Remediation Contractors") suitably qualified and approved by CITY, to perform the Remedial Actions selected by CITY and shall submit such bids to CITY, together with CONTRACTOR's recommendation of the Remediation Contractor(s) to be retained. If CITY elects to go forward with all or any portion of the Remedial Actions covered by the bids submitted, CITY will so advise CONTRACTOR in a written notice on or before the date which is sixty (60) Days after receipt of the foregoing matters from CONTRACTOR. Promptly after receipt of such notice, CONTRACTOR shall prepare for CITY's execution remediation contracts ("Remediation Contracts") with the Remediation Contractors identified in such notice.

**3.2** CONTRACTOR, as agent for CITY, shall be responsible for coordinating the work and services performed by the Remediation Contractors, and coordinating such remediation work with the Work.

**3.3** If in the course of performance of the Work, CONTRACTOR encounters on the Site any Hazardous Materials not previously disclosed and remediated by the Environmental Engineers or the Remediation Contractors, CONTRACTOR shall immediately suspend the Work in the area affected and promptly thereafter report the condition to CITY.

**4. Payments: Liability of CONTRACTOR.**

**4.1** All payments due under the Environmental Contracts and the Remediation Contracts shall be made by CITY directly to the Environmental Engineers and the Remediation Contractors. Such payments will be based on requisitions, which requisitions shall be approved by CONTRACTOR prior to submission to CITY.

**4.2** All payments due under the Environmental Contracts, the Remediation Contracts and for Environmental Damages, shall not be a part of the GMP, and shall be the sole responsibility of CITY, except as expressly provided otherwise in Section 5 hereof.

**4.3** It is understood and agreed that with respect to any Environmental Conditions existing on the Site, CONTRACTOR is not, and shall not be deemed to be, a generator, arranger, operator, treater, storer, transporter or disposer of, or otherwise responsible for, any such Environmental Conditions. It is understood and agreed that CONTRACTOR shall have no right to direct the means or methods of performance of any Environmental Engineer or Remediation Contractor.

**4.4** CITY shall indemnify, defend and hold harmless CONTRACTOR, from and against any Environmental Damages asserted against or sustained by CONTRACTOR as a result of CONTRACTOR being deemed or determined to be a generator, arranger, operator, treater, storer, transporter or disposer of, or otherwise responsible for, any such Environmental Conditions.

**5. Environmental Responsibilities of CONTRACTOR.**

**5.1** CITY acknowledges and agrees that CONTRACTOR shall not commence or continue any demolition or construction activities on any portion of the Site on or in which Remedial Actions are to be performed until such Remedial Actions are to the point where construction activities will not interfere with such Remedial Actions, as evidenced by appropriate certification by the applicable Environmental Engineer and/or Remediation CONTRACTOR and any required approval of any applicable government agency. CONTRACTOR agrees to use good faith diligent efforts to adjust and reschedule its activities at the Site so as to minimize, to the extent reasonably practical, the adverse effect on the progress of the Work resulting from any Remedial Actions.

**5.2** CONTRACTOR shall not bring Hazardous Materials to the Site, and shall not include Hazardous Materials in any construction materials, unless permitted by Environmental Requirements. CONTRACTOR shall comply, and shall cause all Subcontractors to comply, with all Environmental Requirements regarding the generation, handling, storage, treatment and disposal of Hazardous Materials.

**5.3** CONTRACTOR shall indemnify, defend and hold harmless the Indemnified Parties from and against any Environmental Damages asserted against or sustained by such parties as a result of any Environmental Conditions caused or created by CONTRACTOR or any Subcontractor, or of any violation by CONTRACTOR or the Subcontractors, of any Environmental Requirement arising out of the performance of the Work.



**EXHIBIT D**

**IN LIEU OF SECURITIES ESCROW AGREEMENT**

**(form of agreement follows this page)**  
**(use is optional by Contractor)**

ESCROW No. \_\_\_\_\_

**ESCROW AGREEMENT FOR SECURITY DEPOSITS IN LIEU OF RETENTION**

**(Project: \_\_\_\_\_)**

THIS ESCROW AGREEMENT is made and entered into on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_ by and between the:

City of Roseville, whose address is:

311 Vernon Street  
Roseville, CA 95678

(hereinafter called "CITY"); and

\_\_\_\_\_, whose address is:

\_\_\_\_\_  
\_\_\_\_\_

(hereinafter called "CONTRACTOR"); and

\_\_\_\_\_, whose address is:

\_\_\_\_\_  
\_\_\_\_\_

(hereinafter called "ESCROW AGENT").

For the consideration hereinafter set forth, CITY, CONTRACTOR, and ESCROW AGENT agree as follows:

1. Pursuant to Section 22300 of the Public Contract Code of the State of California, CONTRACTOR has the option to deposit securities, subject to prior approval of CITY, with ESCROW AGENT, as a substitute for retention earnings required to be withheld by CITY pursuant to the contract for public works entered into between the CITY and CONTRACTOR for the Project in the amount of \_\_\_\_\_

\_\_\_\_\_ dollars (\$\_\_\_\_\_) dated \_\_\_\_\_, (hereinafter referred to as the “Contract”). Alternatively, on written request of CONTRACTOR, CITY shall make payments of the retention earnings directly to the ESCROW AGENT.

When CONTRACTOR deposits the securities as a substitute for Contract earnings, the ESCROW AGENT shall notify CITY within ten (10) days of the deposit. The market value of the securities at the time of the substitution shall be at least equal to the cash amount then required to be withheld as retention under the terms of the Contract between CITY and CONTRACTOR. Securities shall be held in the name of ESCROW AGENT, and shall designate CONTRACTOR as the beneficial owner, and shall be limited to those types of acceptable securities as described in Public Contract Code Section 22300.

2. CITY shall make progress payments to CONTRACTOR for those funds which otherwise would be withheld from progress payments pursuant to the Contract provisions, provided that ESCROW AGENT holds securities in the form and amount specified above.

3. When CITY makes payment of retentions earned directly to ESCROW AGENT, ESCROW AGENT shall hold them for the benefit of CONTRACTOR until the time that the escrow created under this Agreement is terminated. CONTRACTOR may direct the investment of the payments into securities. All terms and conditions of this Agreement and the rights and responsibilities of the parties shall be equally applicable and binding when CITY pays ESCROW AGENT directly.

4. CONTRACTOR shall be responsible for paying all fees for the expenses incurred by ESCROW AGENT in administering the Escrow Account and all expenses of CITY. These expenses and payment terms shall be determined by CITY, CONTRACTOR, and ESCROW AGENT.

5. The interest earned on the securities or the money market accounts held in escrow and all interest earning on that interest shall be for the sole account of CONTRACTOR and shall be subject to withdrawal by CONTRACTOR at any time and from time to time without notice to CITY.

6. CONTRACTOR shall have the right to withdraw all or any part of the principal in the Escrow Account only by written notice to ESCROW AGENT accompanied by written authorization from CITY to ESCROW AGENT that CITY consents to the withdrawal of the amount sought to be withdrawn by CONTRACTOR.

7. CITY shall have a right to draw upon the securities in the event of default by CONTRACTOR. Upon seven (7) days' written notice to ESCROW AGENT from CITY of the default, ESCROW AGENT shall immediately convert the securities to cash and shall distribute the cash as instructed by CITY.

8. Only upon receipt of written notification from CITY certifying that the Contract is final and complete, and that CONTRACTOR has complied with all requirements and procedures applicable to the Contract, ESCROW AGENT shall release to CONTRACTOR all securities and interest on deposit less escrow fees and charges of the Escrow Account. The escrow shall be closed immediately upon disbursement of all moneys and securities on deposit and payments of fees and charges.

9. ESCROW AGENT shall rely on the written notifications from CITY and CONTRACTOR pursuant to Sections (5) to (8), inclusive, of this Agreement and CONTRACTOR shall hold ESCROW AGENT harmless from ESCROW AGENT's release and disbursement of the securities and interest as set forth above.

10. The parties hereto mutually agree that this Agreement is substantially similar to the form under Public Contracts Code Section 22300.

11. The names of the persons who are authorized to give written notice or to receive written notice on behalf of CITY and on behalf of CONTRACTOR in connection with the foregoing, and exemplars of their respective signatures are as follows:

**On behalf of CITY:**

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

**On behalf of CONTRACTOR:**

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

**On behalf of ESCROW AGENT:**

\_\_\_\_\_  
Title

\_\_\_\_\_  
Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Address

12. At the time the Escrow Account is opened, CITY and CONTRACTOR shall deliver to ESCROW AGENT a fully executed counterpart of this Agreement.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement by its City Manager and attestation by its City Clerk under the authority of Resolution No. 87-141, adopted by the Council of the City of Roseville on the 5th day of August, 1987, and CONTRACTOR and ESCROW AGENT have authorized the execution of this Agreement.

CITY OF ROSEVILLE, a  
municipal corporation:

CONTRACTOR:  
\_\_\_\_\_, a  
\_\_\_\_\_

BY: \_\_\_\_\_  
DOMINICK CASEY  
City Manager

BY: \_\_\_\_\_  
its: \_\_\_\_\_

ATTEST:

and

BY: \_\_\_\_\_

BY: \_\_\_\_\_  
CARMEN AVALOS  
City Clerk

its: \_\_\_\_\_

ESCROW AGENT:

APPROVED AS TO FORM:

BY: \_\_\_\_\_

its: \_\_\_\_\_

BY: \_\_\_\_\_  
MICHELLE SHEIDENBERGER  
City Attorney

and

BY: \_\_\_\_\_

APPROVED AS TO SUBSTANCE:

its: \_\_\_\_\_

BY: \_\_\_\_\_  
DENNIS KAUFFMAN  
Assistant City Manager/Chief Financial Officer

ACKNOWLEDGED BY ADMINISTERING DEPARTMENT:

BY: \_\_\_\_\_

ESCROW No. \_\_\_\_\_

EXHIBIT E  
**BOND FORMS**



ORDINANCE NO. 6703

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE  
AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2023-24  
BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY  
EFFECTIVE AS AN APPROPRIATION MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The City of Roseville Annual Budget, Fiscal Year 2023-24, is hereby amended as listed on the attached budget adjustment for the Traffic Signal Maintenance Shop Tenant Improvement Project.

SECTION 2. This ordinance is hereby declared to be an appropriation measure, immediately effective pursuant to the provisions of Section 5.03 of the Charter.

SECTION 3. The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the ordinance book, under the record of the ordinance, a certificate under her hand stating the time and place of such publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville, this \_\_\_\_\_ day of \_\_\_\_\_, 2023, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
City Clerk



## REQUEST FOR BUDGET ADJUSTMENT

REQUESTER NAME & TITLE: Rebecca McCoy, Project Coordinator FISCAL YEAR: 2023-24  
 PREPARER NAME & TITLE: Stefanie Kemen, PW Division Manager COUNCIL DATE (if applicable): 8/16/2023  
 DEPARTMENT/DIVISION: Public Works/Facilities ORDINANCE: \_\_\_\_\_

### EXPENDITURES/EXPENSES/TRANSFERS OUT

| ACCOUNT STRING |         |        |         | BUDGET (\$) | DESCRIPTION                                    |
|----------------|---------|--------|---------|-------------|------------------------------------------------|
| Fund           | Account | Center | Project | Adjustment  |                                                |
| 3151           | 6587    | 84001  | 500226  | 235,000     | Increase funding for project budget for 500226 |
| 6001           | 6587    | 84701  | 500226  | 258,000     | Increase funding for project budget for 500226 |
| 6511           | 6587    | 84001  | 500226  | 20,000      | Add funding for project budget for 500226      |
| TOTAL          |         |        |         | 513,000     |                                                |

### REVENUES/TRANSFERS IN

| ACCOUNT STRING |         |        |         | BUDGET (\$) | DESCRIPTION                        |
|----------------|---------|--------|---------|-------------|------------------------------------|
| Fund           | Account | Center | Project | Adjustment  |                                    |
| 6511           | 4425    | 84001  | 500226  | 20,000      | Add LTF funding for project 500226 |
| TOTAL          |         |        |         | 20,000      |                                    |

|                |         |
|----------------|---------|
| NET ADJUSTMENT | 493,000 |
|----------------|---------|

### FUND BALANCE

| ACCOUNT STRING |         |        |         | BUDGET (\$) | DESCRIPTION                            |
|----------------|---------|--------|---------|-------------|----------------------------------------|
| Fund           | Account | Center | Project | Adjustment  |                                        |
| 3151           | 3501    | 00000  |         | (235,000)   | Reduce Traffic Mitigation Fund Balance |
| 6001           | 3501    | 00000  |         | (258,000)   | Reduce Electric Fund Balance           |
| TOTAL          |         |        |         | (493,000)   |                                        |

### Justification for Budget Adjustment:

This budget adjustment is needed to increase construction funding for project 500226 - Traffic Signal Maintenance Shop Expansion. Additional funds are needed due to higher than typical Construction Cost Index increases over the past several years and delays to construction start due to analyzing other design options.

The current project budget is \$1,200,000 and the revised project budget will be \$1,713,000. Adequate funds are available in 3151 - Traffic Mitigation Fund and 6001 - Electric Fund. The budget for 6511 - Transit Fund will be funded by Placer County - Local Transportation Funds.

|                                       |                                                                   |                           |      |
|---------------------------------------|-------------------------------------------------------------------|---------------------------|------|
| REQUIRED APPROVALS:                   |                                                                   |                           |      |
|                                       | <div style="font-size: 24px; font-family: cursive;">7-25-23</div> |                           |      |
| REQUESTING DEPARTMENT HEAD / DESIGNEE | DATE                                                              | BUDGET MANAGER / DESIGNEE | DATE |
|                                       |                                                                   |                           |      |
| CHIEF FINANCIAL OFFICER / DESIGNEE    | DATE                                                              | CITY MANAGER / DESIGNEE   | DATE |
| BUDGET DEPARTMENT USE ONLY:           |                                                                   |                           |      |
|                                       |                                                                   |                           |      |
| POSTED BY                             | DATE                                                              |                           |      |

Revised: June 24, 2019

7/24/2023 4:09 PM



## Notice of Exemption

To: Placer County Clerk  
Recorder's Office  
2954 Richardson Drive  
Auburn, CA 95603

From: City of Roseville  
Development Services Dept.  
311 Vernon Street  
Roseville, CA 95678

**Project Title:** Public Works Traffic Signal Shop Project

**Project Location(s):** 2090 Hilltop Circle, City of Roseville, CA. APN 743-110-021-000

**Project Description:** The scope of the project includes modification and renovation of vacant city-owned building space located at 2090 Hilltop Circle. The interior modifications are necessary to accommodate the operations of the Public Works Department, Engineering Division, Traffic Signal Maintenance Section. Some alterations to the existing parking lot may be required to accommodate bucket trucks used for signal operations.

**Public Agency Approving Project:** Roseville City Council

**Agency/Individual Carrying Out Project:** City of Roseville Public Works Department

**Reason why this Project is Exempt:** This project qualifies for both Class 1 and Class 2 Exemption as described in Sections 15301 and 15302 of the California Environmental Quality Act (CEQA) guidelines which states:

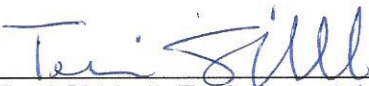
"Class 1 consists of...minor alteration of existing public structures or facilities...including landscaping,...where the project involves negligible or no expansion of use."

"Class 2 consists of replacement or reconstruction of existing structures and facilities where the new structure will be located on the same site as the structure replaced and will have substantially the same purpose and capacity as the structure replaced."

The project involves minor alteration of existing public facilities and therefore the Class 1 and Class 2 Exemptions are applicable to the proposed project.

**Lead Agency Contact Person:** Stefanie Kemen, Engineering Manager, Public Works Department, 311 Vernon Street, Roseville, CA 95678. 916-774-5372

Signature: \_\_\_\_\_

  
Terri Shirhall, Environmental Coordinator  
City of Roseville

Date: 2-22-22



## COUNCIL COMMUNICATION

CC #: 2875  
File #: 0600-01

**Title:** Staffing and Salary Updates  
**Contact:** Linda Hampton 916-774-5215 lhampton@roseville.ca.us

Meeting Date: 8/16/2023  
Item #: 6.22.

### RECOMMENDATION TO COUNCIL

As part of an ongoing assessment of the appropriate staffing structure to provide a high level of service to the community, staff recommends the following changes to the City's staffing allocation and salary schedules to meet business needs. It is recommended that the City Council take the following actions:

1. Adopt an ordinance to approve the Management A & B (Appendix I) salary schedules reflecting the addition of Police Social Services Supervisor (1126A, 1126B) effective August 26, 2023; and
2. Adopt an ordinance to approve the Temporary (Appendix R) salary schedule reflecting the addition of Community Outreach Specialist (1127), a wage adjustment and title change for Reserve Police Officer Unpaid (6252) to Reserve Police Officer I and the deletion of Police Reserve Officer I (9526) effective August 26, 2023; and
3. Motion to approve the attached city-wide allocation schedule effective August 26, 2023.

### BACKGROUND

As part of the Municipal Code, the Human Resources Department maintains the City's classification plan. Human Resources staff continually evaluate organizational structure and staffing levels necessary to provide high service levels to the community. The recommended changes include adding one (1) position already funded in the FY2023-24 budget, two new classifications, the deletion of one classification, and one wage adjustment for a temporary classification. In addition, staff requests the reclassification of two vacant positions, and one reclassification of an employee to a different classification. Staff has completed the meet and confer process with Local 39 regarding any impacts, and the recommended changes are summarized below:

### **Recommendations:**

The proposed classification changes are as follows:

### Add

| <b>Grade Codes</b> | <b>Classification Name</b>        | <b>Wage Range Minimum</b> | <b>Wage Range Maximum</b> | <b>Bargaining Unit</b> |
|--------------------|-----------------------------------|---------------------------|---------------------------|------------------------|
| 1126A;<br>1126B    | Police Social Services Supervisor | \$7,048 per month         | \$9,445 per month         | Management             |
| 1127               | Community Outreach Specialist     | \$34 per hour             | \$41 per hour             | Temporary              |

### Delete

| <b>Grade Codes</b> | <b>Classification Name</b> | <b>Bargaining Unit</b> |
|--------------------|----------------------------|------------------------|
| 9526               | Police Reserve Officer I   | Temporary              |

### Title Change

| <b>Grade Codes</b> | <b>From</b>                       | <b>To</b>                | <b>Bargaining Unit</b> |
|--------------------|-----------------------------------|--------------------------|------------------------|
| 6252               | Reserve Police Officer I (Unpaid) | Reserve Police Officer I | Temporary              |

### Wage Adjustments

| <b>Grade Code</b> | <b>Classification Name</b> | <b>Current Wage</b> | <b>Proposed Wage</b>        | <b>Bargaining Unit</b> |
|-------------------|----------------------------|---------------------|-----------------------------|------------------------|
| 6252              | Reserve Police Officer I   | \$0                 | \$40.9115 to \$52.1691/hour | Temporary              |

### ***Changes by Department:***

#### Environmental Utilities

A recent classification study was completed on an incumbent in a Development Technician II position. As an outcome of that study, staff requests to reclassify the position and employee to Administrative Technician as it's appropriate for the work being assigned.

#### Parks, Recreation & Libraries (PR&L)

Staff requests to reclassify two vacant positions, Youth Development Program Coordinator and Parks, Recreation and Libraries Coordinator to Child Care Site Coordinator positions to meet the business needs of the department.

### Police

One new position, Police Social Services Supervisor, was requested in the FY2023-24 budget process. The funding for this position was included in the budget, but a new position allocation wasn't added as a review was needed to ensure the work to be assigned was appropriate for the classification. The review is complete, and staff recommends adding a Police Social Services Supervisor position and classification.

Also requested as part of the budget process was a new temporary classification of Community Outreach Specialist. Staff recommends adding this classification to the temporary salary schedule.

The Police Department is enhancing the Reserve Police Officer program. Reserve officers assist regular officers in the enforcement of laws and in maintaining peace and order within the community and will augment the Operations Division. With an active Reserve program, the City may be able to agree to more contracted shifts. As part of this program, staff requests a title change from Reserve Police Officer I Unpaid to Reserve Police Officer I and adding a wage schedule for Reserve Police Officer I on the temporary salary schedule. Also requested is the elimination of Police Reserve Officer I as this classification is no longer utilized.

### FISCAL IMPACT

The estimated total net cost of the recommended position adjustments will be \$137,092 for the remainder of FY2023-24, of which \$155,474 has been included in the FY2023-24 budget. All other changes will be absorbed into existing budgets, so no budget adjustment is required.

The recommended changes have an annual ongoing impact of \$154,973. The following table provides a summary of costs by fund.

| <b>Fund</b>                | <b>Remainder<br/>of FY2023-24</b> | <b>Ongoing</b>   |
|----------------------------|-----------------------------------|------------------|
| Environmental<br>Utilities | \$2,693                           | \$3,044          |
| Youth Development<br>Fund  | -\$21,075                         | -\$23,824        |
| General Fund               | \$155,474                         | \$175,753        |
| <b>Total</b>               | <b>\$137,092</b>                  | <b>\$154,973</b> |

The following charts summarize the cost of the recommended position adjustment recommendations by department.

### Environmental Utilities

| <b>From</b> | <b>To</b> | <b>Current</b> | <b>Proposed</b> | <b>Annual</b> | <b>Impact for</b> |
|-------------|-----------|----------------|-----------------|---------------|-------------------|
|-------------|-----------|----------------|-----------------|---------------|-------------------|



|                           |                           | <b>Salary &amp; Benefits</b> | <b>Salary &amp; Benefits</b> | <b>Impact *</b> | <b>remaining FY 2023-24</b> |
|---------------------------|---------------------------|------------------------------|------------------------------|-----------------|-----------------------------|
| Development Technician II | Administrative Technician | \$119,978                    | \$123,022                    | \$3,044         | \$2,693                     |

\*This amount includes the estimated annual pension cost of \$212.

#### Parks, Recreation and Libraries

| <b>From</b>                                 | <b>To</b>                   | <b>Current Salary &amp; Benefits</b> | <b>Proposed Salary &amp; Benefits</b> | <b>Annual Impact *</b> | <b>Impact for remaining FY 2023-24</b> |
|---------------------------------------------|-----------------------------|--------------------------------------|---------------------------------------|------------------------|----------------------------------------|
| Youth Development Program Coordinator       | Child Care Site Coordinator | \$131,027                            | \$119,115                             | -\$11,912              | -\$10,537                              |
| Parks, Recreation and Libraries Coordinator | Child Care Site Coordinator | \$131,027                            | \$119,115                             | -\$11,912              | -\$10,537                              |
| <b>Total</b>                                |                             |                                      |                                       | <b>-\$23,824*</b>      | <b>-\$21,075</b>                       |

\*This amount includes the estimated annual pension savings of \$1,667.

#### Police

| <b>From</b> | <b>To</b>                         | <b>Current Salary &amp; Benefits</b> | <b>Proposed Salary &amp; Benefits</b> | <b>Annual Impact *</b> | <b>Impact for remaining FY 2023-24</b> |
|-------------|-----------------------------------|--------------------------------------|---------------------------------------|------------------------|----------------------------------------|
| New         | Police Social Services Supervisor | \$0                                  | \$175,753                             | \$175,753              | \$155,474                              |

\*This amount includes the estimated annual pension cost of \$12,294.

The annual impact was included in the General Fund FY2023-24 budget. The wage change for Reserve Police Officer I and the addition of Community Outreach Specialist will be absorbed in the current Police budget.

#### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. The proposed staffing changes meet the above criteria and are not subject to CEQA. No additional environmental review is required.

## CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal E - Deliver exceptional city services

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Linda Hampton, Human Resources Manager

Stacey Peterson, Human Resources Director



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Dominick Casey, City Manager

### **ATTACHMENTS:**

#### **Description**

Ordinance 6701

2023-08-26 Management Salary Schedule A

2023-08-26 Management Salary Schedule B

Ordinance 6702

2023-08-26 Temporary Salary Schedule

2023-08-26 Position Allocation Schedule



ORDINANCE NO. 6701

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING  
ORDINANCE NO. 6694, THE SALARY ORDINANCE FOR MANAGEMENT EMPLOYEES,  
AS AMENDED BY APPENDIX "I" TO BE EFFECTIVE  
AUGUST 26, 2023, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6694, the Salary Ordinance for Management Employees, is hereby amended as shown on Appendix "I" for salary schedules A & B attached hereto.

ADDITION OF CLASSIFICATION

| <u>Classification No.</u> | <u>Position Title</u>             | <u>Hourly Rate</u> |
|---------------------------|-----------------------------------|--------------------|
| 1126A/1126B               | Police Social Services Supervisor | \$54.49            |

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective August 26, 2023 as an urgency measure.

SECTION 3. Urgency Ordinance.

This ordinance is hereby declared to be an urgency measure, immediately necessary for the public peace, health and safety and shall take effect August 26, 2023. A statement of urgency is as follows:

It is necessary to amend the Salary Ordinance to comply with recently approved changes for the orderly and necessary continuance of operations of the City.

SECTION 4. Posting.

The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the Ordinance Book under the record of the ordinance a certificate under her hand stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_, 2023, by the following vote on roll call:

AYES            COUNCILMEMBERS:

NOES           COUNCILMEMBERS:

ABSENT        COUNCILMEMBERS:

ATTEST:

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MAYOR

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City Clerk



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management            |           |         |           |          |           |
|------------|-----------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1505A      | AMI Project Manager-A | Step A    | 52.3163 | 4185.30   | 9068.16  | 108817.90 |
|            |                       | Step B    | 54.9321 | 4394.57   | 9521.56  | 114258.77 |
|            |                       | Step C    | 57.6787 | 4614.30   | 9997.64  | 119971.70 |
|            |                       | Step D    | 60.5627 | 4845.02   | 10497.53 | 125970.42 |
|            |                       | Step E    | 63.5907 | 5087.26   | 11022.39 | 132268.66 |
|            |                       | Step F    | 66.7702 | 5341.62   | 11573.50 | 138882.02 |
|            |                       | Step G    | 70.1088 | 5608.70   | 12152.19 | 145826.30 |
| 1370A      | Accounting Manager-A  | Step A    | 57.8472 | 4627.78   | 10026.85 | 120322.18 |
|            |                       | Step B    | 60.7396 | 4859.17   | 10528.20 | 126338.37 |
|            |                       | Step C    | 63.7766 | 5102.13   | 11054.61 | 132655.33 |
|            |                       | Step D    | 66.9654 | 5357.23   | 11607.34 | 139288.03 |
|            |                       | Step E    | 70.3136 | 5625.09   | 12187.69 | 146252.29 |
|            |                       | Step F    | 73.8294 | 5906.35   | 12797.10 | 153565.15 |
|            |                       | Step G    | 77.5208 | 6201.66   | 13436.94 | 161243.26 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT Management<br>Grade Code | Grade Name                    | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-------------------------------|-------------------------------|-----------|---------|-----------|----------|-----------|
| 0043A                         | Accounting Supervisor-A       | Step A    | 48.5327 | 3882.62   | 8412.33  | 100948.02 |
|                               |                               | Step B    | 50.9594 | 4076.75   | 8832.96  | 105995.55 |
|                               |                               | Step C    | 53.5074 | 4280.59   | 9274.62  | 111295.39 |
|                               |                               | Step D    | 56.1828 | 4494.62   | 9738.35  | 116860.22 |
|                               |                               | Step E    | 58.9919 | 4719.35   | 10225.26 | 122703.15 |
|                               |                               | Step F    | 61.9415 | 4955.32   | 10736.53 | 128838.32 |
|                               |                               | Step G    | 65.0386 | 5203.09   | 11273.36 | 135280.29 |
| 9427A                         | Accounts Payable Supervisor-A | Step A    | 46.2214 | 3697.71   | 8011.71  | 96140.51  |
|                               |                               | Step B    | 48.5324 | 3882.59   | 8412.28  | 100947.39 |
|                               |                               | Step C    | 50.9590 | 4076.72   | 8832.89  | 105994.72 |
|                               |                               | Step D    | 53.5069 | 4280.55   | 9274.53  | 111294.35 |
|                               |                               | Step E    | 56.1823 | 4494.58   | 9738.27  | 116859.18 |
|                               |                               | Step F    | 58.9914 | 4719.31   | 10225.18 | 122702.11 |
|                               |                               | Step G    | 61.9410 | 4955.28   | 10736.44 | 128837.28 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT<br>Grade Code | Management<br>Grade Name             | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|--------------------|--------------------------------------|-----------|----------|-----------|----------|-----------|
| 0090A              | Alternative Transportation Manager-A | Step A    | 61.5691  | 4925.53   | 10671.98 | 128063.73 |
|                    |                                      | Step B    | 64.6476  | 5171.81   | 11205.58 | 134467.01 |
|                    |                                      | Step C    | 67.8799  | 5430.39   | 11765.85 | 141190.19 |
|                    |                                      | Step D    | 71.2740  | 5701.92   | 12354.16 | 148249.92 |
|                    |                                      | Step E    | 74.8377  | 5987.02   | 12971.87 | 155662.42 |
|                    |                                      | Step F    | 78.5796  | 6286.37   | 13620.46 | 163445.57 |
|                    |                                      | Step G    | 82.5084  | 6600.67   | 14301.46 | 171617.47 |
| 0245A              | Assistant City Attorney-A            | Step A    | 88.4976  | 7079.81   | 15339.58 | 184075.01 |
|                    |                                      | Step B    | 92.9225  | 7433.80   | 16106.57 | 193278.80 |
|                    |                                      | Step C    | 97.5685  | 7805.48   | 16911.87 | 202942.48 |
|                    |                                      | Step D    | 102.4470 | 8195.76   | 17757.48 | 213089.76 |
|                    |                                      | Step E    | 107.5693 | 8605.54   | 18645.35 | 223744.14 |
|                    |                                      | Step F    | 112.9479 | 9035.83   | 19577.64 | 234931.63 |
|                    |                                      | Step G    | 118.5952 | 9487.62   | 20556.50 | 246678.02 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name               | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------|-----------|----------|-----------|----------|-----------|
| 0250A      | Assistant City Clerk-A   | Step A    | 47.0617  | 3764.94   | 8157.36  | 97888.34  |
|            |                          | Step B    | 49.4149  | 3953.19   | 8565.25  | 102782.99 |
|            |                          | Step C    | 51.8857  | 4150.86   | 8993.52  | 107922.26 |
|            |                          | Step D    | 54.4800  | 4358.40   | 9443.20  | 113318.40 |
|            |                          | Step E    | 57.2040  | 4576.32   | 9915.36  | 118984.32 |
|            |                          | Step F    | 60.0641  | 4805.13   | 10411.11 | 124933.33 |
|            |                          | Step G    | 63.0674  | 5045.39   | 10931.68 | 131180.19 |
| 0325A      | Assistant City Manager-A | Step A    | 93.1372  | 7450.98   | 16143.78 | 193725.38 |
|            |                          | Step B    | 97.7939  | 7823.51   | 16950.94 | 203411.31 |
|            |                          | Step C    | 102.6837 | 8214.70   | 17798.51 | 213582.10 |
|            |                          | Step D    | 107.8179 | 8625.43   | 18688.44 | 224261.23 |
|            |                          | Step E    | 113.2088 | 9056.70   | 19622.86 | 235474.30 |
|            |                          | Step F    | 118.8692 | 9509.54   | 20603.99 | 247247.94 |
|            |                          | Step G    | 124.8126 | 9985.01   | 21634.18 | 259610.21 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                                          |           |          |           |          |           |
|------------|-----------------------------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                                          | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 1021A      | Assistant City Manager/Chief<br>Financial Officer-A | Step A    | 93.1372  | 7450.98   | 16143.78 | 193725.38 |
|            |                                                     | Step B    | 97.7939  | 7823.51   | 16950.94 | 203411.31 |
|            |                                                     | Step C    | 102.6837 | 8214.70   | 17798.51 | 213582.10 |
|            |                                                     | Step D    | 107.8179 | 8625.43   | 18688.44 | 224261.23 |
|            |                                                     | Step E    | 113.2088 | 9056.70   | 19622.86 | 235474.30 |
|            |                                                     | Step F    | 118.8692 | 9509.54   | 20603.99 | 247247.94 |
|            |                                                     | Step G    | 124.8126 | 9985.01   | 21634.18 | 259610.21 |
| 1068A      | Assistant Electric Analyst-A                        | Step A    | 36.0568  | 2884.54   | 6249.85  | 74998.14  |
|            |                                                     | Step B    | 37.8597  | 3028.78   | 6562.35  | 78748.18  |
|            |                                                     | Step C    | 39.7526  | 3180.21   | 6890.45  | 82685.41  |
|            |                                                     | Step D    | 41.7403  | 3339.22   | 7234.99  | 86819.82  |
|            |                                                     | Step E    | 43.8273  | 3506.18   | 7596.73  | 91160.78  |
|            |                                                     | Step F    | 46.0187  | 3681.50   | 7976.57  | 95718.90  |
|            |                                                     | Step G    | 48.3196  | 3865.57   | 8375.40  | 100504.77 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT<br>Grade Code | Management<br>Grade Name                        | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|--------------------|-------------------------------------------------|-----------|----------|-----------|----------|-----------|
| 0395A              | Assistant Electric Utility Director-A           | Step A    | 102.2264 | 8178.11   | 17719.24 | 212630.91 |
|                    |                                                 | Step B    | 107.3378 | 8587.02   | 18605.22 | 223262.62 |
|                    |                                                 | Step C    | 112.7048 | 9016.38   | 19535.50 | 234425.98 |
|                    |                                                 | Step D    | 118.3399 | 9467.19   | 20512.25 | 246146.99 |
|                    |                                                 | Step E    | 124.2570 | 9940.56   | 21537.88 | 258454.56 |
|                    |                                                 | Step F    | 130.4698 | 10437.58  | 22614.77 | 271377.18 |
|                    |                                                 | Step G    | 136.9934 | 10959.47  | 23745.52 | 284946.27 |
| 0411A              | Assistant Environmental Utilities<br>Director-A | Step A    | 74.2299  | 5938.39   | 12866.52 | 154398.19 |
|                    |                                                 | Step B    | 77.9414  | 6235.31   | 13509.84 | 162118.11 |
|                    |                                                 | Step C    | 81.8386  | 6547.09   | 14185.36 | 170224.29 |
|                    |                                                 | Step D    | 85.9303  | 6874.42   | 14894.59 | 178735.02 |
|                    |                                                 | Step E    | 90.2269  | 7218.15   | 15639.33 | 187671.95 |
|                    |                                                 | Step F    | 94.7383  | 7579.06   | 16421.31 | 197055.66 |
|                    |                                                 | Step G    | 99.4752  | 7958.02   | 17242.37 | 206908.42 |





## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                   |           |         |           |          |           |
|------------|------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                   | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1026A      | Assistant Finance Director-A | Step A    | 66.5234 | 5321.87   | 11530.72 | 138368.67 |
|            |                              | Step B    | 69.8495 | 5587.96   | 12107.25 | 145286.96 |
|            |                              | Step C    | 73.3421 | 5867.37   | 12712.63 | 152551.57 |
|            |                              | Step D    | 77.0092 | 6160.74   | 13348.26 | 160179.14 |
|            |                              | Step E    | 80.8597 | 6468.78   | 14015.68 | 168188.18 |
|            |                              | Step F    | 84.9027 | 6792.22   | 14716.47 | 176597.62 |
|            |                              | Step G    | 89.1478 | 7131.82   | 15452.29 | 185427.42 |
| 0480A      | Assistant Fire Chief-A       | Step A    | 69.3681 | 5549.45   | 12023.80 | 144285.65 |
|            |                              | Step B    | 72.8364 | 5826.91   | 12624.98 | 151499.71 |
|            |                              | Step C    | 76.4785 | 6118.28   | 13256.27 | 159075.28 |
|            |                              | Step D    | 80.3023 | 6424.18   | 13919.07 | 167028.78 |
|            |                              | Step E    | 84.3175 | 6745.40   | 14615.03 | 175380.40 |
|            |                              | Step F    | 88.5333 | 7082.66   | 15345.77 | 184149.26 |
|            |                              | Step G    | 92.9601 | 7436.81   | 16113.08 | 193357.01 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT Grade Code | Management Grade Name                       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-----------------|---------------------------------------------|-----------|---------|-----------|----------|-----------|
| 0484A           | Assistant Human Resources Director-A        | Step A    | 59.2210 | 4737.68   | 10264.97 | 123179.68 |
|                 |                                             | Step B    | 62.1815 | 4974.52   | 10778.13 | 129337.52 |
|                 |                                             | Step C    | 65.2912 | 5223.30   | 11317.14 | 135805.70 |
|                 |                                             | Step D    | 68.5557 | 5484.46   | 11882.99 | 142595.86 |
|                 |                                             | Step E    | 71.9836 | 5758.69   | 12477.16 | 149725.89 |
|                 |                                             | Step F    | 75.5827 | 6046.62   | 13101.00 | 157212.02 |
|                 |                                             | Step G    | 79.3618 | 6348.94   | 13756.05 | 165072.54 |
| 9558A           | Assistant Information Technology Director-A | Step A    | 65.1445 | 5211.56   | 11291.71 | 135500.56 |
|                 |                                             | Step B    | 68.4019 | 5472.15   | 11856.33 | 142275.95 |
|                 |                                             | Step C    | 71.8219 | 5745.75   | 12449.13 | 149389.55 |
|                 |                                             | Step D    | 75.4129 | 6033.03   | 13071.57 | 156858.83 |
|                 |                                             | Step E    | 79.1838 | 6334.70   | 13725.19 | 164702.30 |
|                 |                                             | Step F    | 83.1428 | 6651.42   | 14411.42 | 172937.02 |
|                 |                                             | Step G    | 87.2999 | 6983.99   | 15131.98 | 181583.79 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                         | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------------|-----------|----------|-----------|----------|-----------|
| 0510A      | Assistant Police Chief-A           | Step A    | 81.0476  | 6483.81   | 14048.25 | 168579.01 |
|            |                                    | Step B    | 85.0998  | 6807.98   | 14750.63 | 177007.58 |
|            |                                    | Step C    | 89.3550  | 7148.40   | 15488.20 | 185858.40 |
|            |                                    | Step D    | 93.8226  | 7505.81   | 16262.58 | 195151.01 |
|            |                                    | Step E    | 98.5138  | 7881.10   | 17075.73 | 204908.70 |
|            |                                    | Step F    | 103.4395 | 8275.16   | 17929.51 | 215154.16 |
|            |                                    | Step G    | 108.6115 | 8688.92   | 18825.99 | 225911.92 |
| 0086A      | Assistant Transportation Planner-A | Step A    | 37.2032  | 2976.26   | 6448.55  | 77382.66  |
|            |                                    | Step B    | 39.0636  | 3125.09   | 6771.02  | 81252.29  |
|            |                                    | Step C    | 41.0167  | 3281.34   | 7109.56  | 85314.74  |
|            |                                    | Step D    | 43.0675  | 3445.40   | 7465.03  | 89580.40  |
|            |                                    | Step E    | 45.2207  | 3617.66   | 7838.25  | 94059.06  |
|            |                                    | Step F    | 47.4818  | 3798.54   | 8230.18  | 98762.14  |
|            |                                    | Step G    | 49.8560  | 3988.48   | 8641.71  | 103700.48 |



# City of Roseville

## Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                         |           |         |           |         |           |
|------------|------------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                         | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 1067A      | Associate Electric Analyst-A       | Step A    | 39.6624 | 3172.99   | 6874.82 | 82497.79  |
|            |                                    | Step B    | 41.6457 | 3331.66   | 7218.59 | 86623.06  |
|            |                                    | Step C    | 43.7279 | 3498.23   | 7579.50 | 90954.03  |
|            |                                    | Step D    | 45.9143 | 3673.14   | 7958.48 | 95501.74  |
|            |                                    | Step E    | 48.2101 | 3856.81   | 8356.42 | 100277.01 |
|            |                                    | Step F    | 50.6205 | 4049.64   | 8774.22 | 105290.64 |
|            |                                    | Step G    | 53.1516 | 4252.13   | 9212.94 | 110555.33 |
| 0088A      | Associate Transportation Planner-A | Step A    | 40.9245 | 3273.96   | 7093.58 | 85122.96  |
|            |                                    | Step B    | 42.9706 | 3437.65   | 7448.24 | 89378.85  |
|            |                                    | Step C    | 45.1190 | 3609.52   | 7820.63 | 93847.52  |
|            |                                    | Step D    | 47.3752 | 3790.02   | 8211.70 | 98540.42  |
|            |                                    | Step E    | 49.7436 | 3979.49   | 8622.22 | 103466.69 |
|            |                                    | Step F    | 52.2310 | 4178.48   | 9053.37 | 108640.48 |
|            |                                    | Step G    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name          | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|---------------------|-----------|---------|-----------|---------|-----------|
| 0910A      | Budget Analyst I-A  | Step A    | 39.0623 | 3124.98   | 6770.80 | 81249.58  |
|            |                     | Step B    | 41.0152 | 3281.22   | 7109.30 | 85311.62  |
|            |                     | Step C    | 43.0662 | 3445.30   | 7464.81 | 89577.70  |
|            |                     | Step D    | 45.2195 | 3617.56   | 7838.05 | 94056.56  |
|            |                     | Step E    | 47.4806 | 3798.45   | 8229.97 | 98759.65  |
|            |                     | Step F    | 49.8544 | 3988.35   | 8641.43 | 103697.15 |
|            |                     | Step G    | 52.3472 | 4187.78   | 9073.51 | 108882.18 |
| 0915A      | Budget Analyst II-A | Step A    | 42.9694 | 3437.55   | 7448.03 | 89376.35  |
|            |                     | Step B    | 45.1177 | 3609.42   | 7820.40 | 93844.82  |
|            |                     | Step C    | 47.3739 | 3789.91   | 8211.48 | 98537.71  |
|            |                     | Step D    | 49.7424 | 3979.39   | 8622.02 | 103464.19 |
|            |                     | Step E    | 52.2296 | 4178.37   | 9053.13 | 108637.57 |
|            |                     | Step F    | 54.8413 | 4387.30   | 9505.83 | 114069.90 |
|            |                     | Step G    | 57.5832 | 4606.66   | 9981.09 | 119773.06 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                       |           |         |           |          |           |
|------------|----------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 0930A      | Budget Manager-A                 | Step A    | 57.8472 | 4627.78   | 10026.85 | 120322.18 |
|            |                                  | Step B    | 60.7396 | 4859.17   | 10528.20 | 126338.37 |
|            |                                  | Step C    | 63.7766 | 5102.13   | 11054.61 | 132655.33 |
|            |                                  | Step D    | 66.9654 | 5357.23   | 11607.34 | 139288.03 |
|            |                                  | Step E    | 70.3136 | 5625.09   | 12187.69 | 146252.29 |
|            |                                  | Step F    | 73.8294 | 5906.35   | 12797.10 | 153565.15 |
|            |                                  | Step G    | 77.5208 | 6201.66   | 13436.94 | 161243.26 |
| 1017A      | Building Inspection Supervisor-A | Step A    | 46.3003 | 3704.02   | 8025.39  | 96304.62  |
|            |                                  | Step B    | 48.6153 | 3889.22   | 8426.65  | 101119.82 |
|            |                                  | Step C    | 51.0461 | 4083.69   | 8847.99  | 106175.89 |
|            |                                  | Step D    | 53.5983 | 4287.86   | 9290.37  | 111484.46 |
|            |                                  | Step E    | 56.2784 | 4502.27   | 9754.92  | 117059.07 |
|            |                                  | Step F    | 59.0924 | 4727.39   | 10242.68 | 122912.19 |
|            |                                  | Step G    | 62.0468 | 4963.74   | 10754.78 | 129057.34 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                  |           |          |           |          |           |
|------------|-----------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                  | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 1043A      | Building Official-A         | Step A    | 61.6607  | 4932.86   | 10687.85 | 128254.26 |
|            |                             | Step B    | 64.7437  | 5179.50   | 11222.24 | 134666.90 |
|            |                             | Step C    | 67.9810  | 5438.48   | 11783.37 | 141400.48 |
|            |                             | Step D    | 71.3799  | 5710.39   | 12372.52 | 148470.19 |
|            |                             | Step E    | 74.9488  | 5995.90   | 12991.13 | 155893.50 |
|            |                             | Step F    | 78.6963  | 6295.70   | 13640.69 | 163688.30 |
|            |                             | Step G    | 82.6311  | 6610.49   | 14322.72 | 171872.69 |
| 1180A      | Chief Information Officer-A | Step A    | 81.4308  | 6514.46   | 14114.67 | 169376.06 |
|            |                             | Step B    | 85.5023  | 6840.18   | 14820.40 | 177844.78 |
|            |                             | Step C    | 89.7775  | 7182.20   | 15561.43 | 186737.20 |
|            |                             | Step D    | 94.2663  | 7541.30   | 16339.49 | 196073.90 |
|            |                             | Step E    | 98.9795  | 7918.36   | 17156.45 | 205877.36 |
|            |                             | Step F    | 103.9287 | 8314.30   | 18014.31 | 216171.70 |
|            |                             | Step G    | 109.1251 | 8730.01   | 18915.02 | 226980.21 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                    |           |         |           |          |           |
|------------|-------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                    | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1220A      | City Clerk-A                  | Step A    | 64.2382 | 5139.06   | 11134.62 | 133615.46 |
|            |                               | Step B    | 67.4501 | 5396.01   | 11691.35 | 140296.21 |
|            |                               | Step C    | 70.8226 | 5665.81   | 12275.92 | 147311.01 |
|            |                               | Step D    | 74.3638 | 5949.10   | 12889.73 | 154676.70 |
|            |                               | Step E    | 78.0819 | 6246.55   | 13534.20 | 162410.35 |
|            |                               | Step F    | 81.9861 | 6558.89   | 14210.92 | 170531.09 |
|            |                               | Step G    | 86.0854 | 6886.83   | 14921.47 | 179057.63 |
| 1368A      | Code Enforcement Supervisor-A | Step A    | 42.5923 | 3407.38   | 7382.67  | 88591.98  |
|            |                               | Step B    | 44.7218 | 3577.74   | 7751.78  | 93021.34  |
|            |                               | Step C    | 46.9582 | 3756.66   | 8139.42  | 97673.06  |
|            |                               | Step D    | 49.3060 | 3944.48   | 8546.37  | 102556.48 |
|            |                               | Step E    | 51.7712 | 4141.70   | 8973.67  | 107684.10 |
|            |                               | Step F    | 54.3597 | 4348.78   | 9422.35  | 113068.18 |
|            |                               | Step G    | 57.0778 | 4566.22   | 9893.49  | 118721.82 |





## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                               | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1027A      | Construction Inspection Superintendent-A | Step A    | 47.3489 | 3787.91   | 8207.14  | 98485.71  |
|            |                                          | Step B    | 49.7165 | 3977.32   | 8617.53  | 103410.32 |
|            |                                          | Step C    | 52.2023 | 4176.18   | 9048.40  | 108580.78 |
|            |                                          | Step D    | 54.8124 | 4384.99   | 9500.82  | 114009.79 |
|            |                                          | Step E    | 57.5529 | 4604.23   | 9975.84  | 119710.03 |
|            |                                          | Step F    | 60.4308 | 4834.46   | 10474.67 | 125696.06 |
|            |                                          | Step G    | 63.4523 | 5076.18   | 10998.40 | 131980.78 |
| 3740A      | Cultural Arts Supervisor-A               | Step A    | 37.3398 | 2987.18   | 6472.23  | 77666.78  |
|            |                                          | Step B    | 39.2065 | 3136.52   | 6795.79  | 81549.52  |
|            |                                          | Step C    | 41.1670 | 3293.36   | 7135.61  | 85627.36  |
|            |                                          | Step D    | 43.2254 | 3458.03   | 7492.40  | 89908.83  |
|            |                                          | Step E    | 45.3867 | 3630.94   | 7867.03  | 94404.34  |
|            |                                          | Step F    | 47.6559 | 3812.47   | 8260.36  | 99124.27  |
|            |                                          | Step G    | 50.0387 | 4003.10   | 8673.37  | 104080.50 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                             |           |         |           |          |           |
|------------|----------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                             | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1025A      | Custodian Supervisor-A                 | Step A    | 24.9933 | 1999.46   | 4332.17  | 51986.06  |
|            |                                        | Step B    | 26.2429 | 2099.43   | 4548.77  | 54585.23  |
|            |                                        | Step C    | 27.5551 | 2204.41   | 4776.22  | 57314.61  |
|            |                                        | Step D    | 28.9329 | 2314.63   | 5015.04  | 60180.43  |
|            |                                        | Step E    | 30.3795 | 2430.36   | 5265.78  | 63189.36  |
|            |                                        | Step F    | 31.8984 | 2551.87   | 5529.06  | 66348.67  |
|            |                                        | Step G    | 33.4933 | 2679.46   | 5805.51  | 69666.06  |
| 9561A      | Data Management System Administrator-A | Step A    | 54.6139 | 4369.11   | 9466.41  | 113596.91 |
|            |                                        | Step B    | 57.3445 | 4587.56   | 9939.71  | 119276.56 |
|            |                                        | Step C    | 60.2119 | 4816.95   | 10436.73 | 125240.75 |
|            |                                        | Step D    | 63.2225 | 5057.80   | 10958.57 | 131502.80 |
|            |                                        | Step E    | 66.3836 | 5310.69   | 11506.49 | 138077.89 |
|            |                                        | Step F    | 69.7027 | 5576.22   | 12081.80 | 144981.62 |
|            |                                        | Step G    | 73.1880 | 5855.04   | 12685.92 | 152231.04 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------------------|-----------|---------|-----------|----------|-----------|
| 1645A      | Department Public Information Officer-A | Step A    | 48.5318 | 3882.54   | 8412.18  | 100946.14 |
|            |                                         | Step B    | 50.9586 | 4076.69   | 8832.82  | 105993.89 |
|            |                                         | Step C    | 53.5065 | 4280.52   | 9274.46  | 111293.52 |
|            |                                         | Step D    | 56.1818 | 4494.54   | 9738.18  | 116858.14 |
|            |                                         | Step E    | 58.9909 | 4719.27   | 10225.09 | 122701.07 |
|            |                                         | Step F    | 61.9405 | 4955.24   | 10736.35 | 128836.24 |
|            |                                         | Step G    | 65.0374 | 5202.99   | 11273.15 | 135277.79 |
| 1655A      | Deputy City Attorney I-A                | Step A    | 63.5988 | 5087.90   | 11023.79 | 132285.50 |
|            |                                         | Step B    | 66.7787 | 5342.30   | 11574.97 | 138899.70 |
|            |                                         | Step C    | 70.1176 | 5609.41   | 12153.72 | 145844.61 |
|            |                                         | Step D    | 73.6235 | 5889.88   | 12761.41 | 153136.88 |
|            |                                         | Step E    | 77.3048 | 6184.38   | 13399.50 | 160793.98 |
|            |                                         | Step F    | 81.1700 | 6493.60   | 14069.47 | 168833.60 |
|            |                                         | Step G    | 85.2284 | 6818.27   | 14772.92 | 177275.07 |



## City of Roseville

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Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------|-----------|---------|-----------|----------|-----------|
| 1658A      | Deputy City Attorney II-A | Step A    | 69.9587 | 5596.70   | 12126.17 | 145514.10 |
|            |                           | Step B    | 73.4566 | 5876.53   | 12732.48 | 152789.73 |
|            |                           | Step C    | 77.1295 | 6170.36   | 13369.11 | 160429.36 |
|            |                           | Step D    | 80.9859 | 6478.87   | 14037.56 | 168450.67 |
|            |                           | Step E    | 85.0352 | 6802.82   | 14739.43 | 176873.22 |
|            |                           | Step F    | 89.2869 | 7142.95   | 15476.40 | 185716.75 |
|            |                           | Step G    | 93.7513 | 7500.10   | 16250.23 | 195002.70 |
| 1659A      | Deputy City Manager-A     | Step A    | 70.6621 | 5652.97   | 12248.10 | 146977.17 |
|            |                           | Step B    | 74.1952 | 5935.62   | 12860.50 | 154326.02 |
|            |                           | Step C    | 77.9049 | 6232.39   | 13503.52 | 162042.19 |
|            |                           | Step D    | 81.8002 | 6544.02   | 14178.70 | 170144.42 |
|            |                           | Step E    | 85.8902 | 6871.22   | 14887.63 | 178651.62 |
|            |                           | Step F    | 90.1847 | 7214.78   | 15632.01 | 187584.18 |
|            |                           | Step G    | 94.6939 | 7575.51   | 16413.61 | 196963.31 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                           |           |          |           |          |           |
|------------|--------------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                           | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 1280A      | Development Services Administrator-A | Step A    | 47.5407  | 3803.26   | 8240.39  | 98884.66  |
|            |                                      | Step B    | 49.9177  | 3993.42   | 8652.40  | 103828.82 |
|            |                                      | Step C    | 52.4136  | 4193.09   | 9085.02  | 109020.29 |
|            |                                      | Step D    | 55.0342  | 4402.74   | 9539.26  | 114471.14 |
|            |                                      | Step E    | 57.7861  | 4622.89   | 10016.26 | 120195.09 |
|            |                                      | Step F    | 60.6755  | 4854.04   | 10517.09 | 126205.04 |
|            |                                      | Step G    | 63.7090  | 5096.72   | 11042.89 | 132514.72 |
| 1676A      | Development Services Director-A      | Step A    | 77.7295  | 6218.36   | 13473.11 | 161677.36 |
|            |                                      | Step B    | 81.6160  | 6529.28   | 14146.77 | 169761.28 |
|            |                                      | Step C    | 85.6968  | 6855.74   | 14854.11 | 178249.34 |
|            |                                      | Step D    | 89.9815  | 7198.52   | 15596.79 | 187161.52 |
|            |                                      | Step E    | 94.4808  | 7558.46   | 16376.67 | 196520.06 |
|            |                                      | Step F    | 99.2049  | 7936.39   | 17195.52 | 206346.19 |
|            |                                      | Step G    | 104.1649 | 8333.19   | 18055.25 | 216662.99 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT<br>Grade Code | Management<br>Grade Name            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|-------------------------------------|-----------|---------|-----------|----------|-----------|
| 1695A              | Development Services Manager-A      | Step A    | 56.5718 | 4525.74   | 9805.78  | 117669.34 |
|                    |                                     | Step B    | 59.4003 | 4752.02   | 10296.05 | 123552.62 |
|                    |                                     | Step C    | 62.3704 | 4989.63   | 10810.87 | 129730.43 |
|                    |                                     | Step D    | 65.4889 | 5239.11   | 11351.41 | 136216.91 |
|                    |                                     | Step E    | 68.7634 | 5501.07   | 11918.99 | 143027.87 |
|                    |                                     | Step F    | 72.2017 | 5776.14   | 12514.96 | 150179.54 |
|                    |                                     | Step G    | 75.8118 | 6064.94   | 13140.71 | 157688.54 |
| 2415A              | EMS Quality Assurance Coordinator-A | Step A    | 50.7137 | 4057.10   | 8790.37  | 105484.50 |
|                    |                                     | Step B    | 53.2493 | 4259.94   | 9229.88  | 110758.54 |
|                    |                                     | Step C    | 55.9120 | 4472.96   | 9691.41  | 116296.96 |
|                    |                                     | Step D    | 58.7077 | 4696.62   | 10176.00 | 122112.02 |
|                    |                                     | Step E    | 61.6429 | 4931.43   | 10684.77 | 128217.23 |
|                    |                                     | Step F    | 64.7251 | 5178.01   | 11219.02 | 134628.21 |
|                    |                                     | Step G    | 67.9613 | 5436.90   | 11779.96 | 141359.50 |



# City of Roseville

## Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                       |           |         |           |          |           |
|------------|----------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 6520A      | ERP Program Manager-A            | Step A    | 51.3060 | 4104.48   | 8893.04  | 106716.48 |
|            |                                  | Step B    | 53.8711 | 4309.69   | 9337.66  | 112051.89 |
|            |                                  | Step C    | 56.5645 | 4525.16   | 9804.51  | 117654.16 |
|            |                                  | Step D    | 59.3928 | 4751.42   | 10294.75 | 123537.02 |
|            |                                  | Step E    | 62.3624 | 4988.99   | 10809.48 | 129713.79 |
|            |                                  | Step F    | 65.4806 | 5238.45   | 11349.97 | 136199.65 |
|            |                                  | Step G    | 68.7547 | 5500.38   | 11917.48 | 143009.78 |
| 1674A      | Economic Development Analyst I-A | Step A    | 37.2039 | 2976.31   | 6448.68  | 77384.11  |
|            |                                  | Step B    | 39.0640 | 3125.12   | 6771.09  | 81253.12  |
|            |                                  | Step C    | 41.0171 | 3281.37   | 7109.63  | 85315.57  |
|            |                                  | Step D    | 43.0682 | 3445.46   | 7465.15  | 89581.86  |
|            |                                  | Step E    | 45.2216 | 3617.73   | 7838.41  | 94060.93  |
|            |                                  | Step F    | 47.4827 | 3798.62   | 8230.33  | 98764.02  |
|            |                                  | Step G    | 49.8568 | 3988.54   | 8641.85  | 103702.14 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT<br>Grade Code | Management<br>Grade Name          | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|-----------------------------------|-----------|---------|-----------|----------|-----------|
| 1675A              | Economic Development Analyst II-A | Step A    | 40.9245 | 3273.96   | 7093.58  | 85122.96  |
|                    |                                   | Step B    | 42.9706 | 3437.65   | 7448.24  | 89378.85  |
|                    |                                   | Step C    | 45.1190 | 3609.52   | 7820.63  | 93847.52  |
|                    |                                   | Step D    | 47.3752 | 3790.02   | 8211.70  | 98540.42  |
|                    |                                   | Step E    | 49.7436 | 3979.49   | 8622.22  | 103466.69 |
|                    |                                   | Step F    | 52.2310 | 4178.48   | 9053.37  | 108640.48 |
|                    |                                   | Step G    | 54.8425 | 4387.40   | 9506.03  | 114072.40 |
| 1710A              | Economic Development Director-A   | Step A    | 74.0306 | 5922.45   | 12831.97 | 153983.65 |
|                    |                                   | Step B    | 77.7325 | 6218.60   | 13473.63 | 161683.60 |
|                    |                                   | Step C    | 81.6190 | 6529.52   | 14147.29 | 169767.52 |
|                    |                                   | Step D    | 85.6999 | 6855.99   | 14854.65 | 178255.79 |
|                    |                                   | Step E    | 89.9849 | 7198.79   | 15597.38 | 187168.59 |
|                    |                                   | Step F    | 94.4843 | 7558.74   | 16377.28 | 196527.34 |
|                    |                                   | Step G    | 99.2084 | 7936.67   | 17196.12 | 206353.47 |





## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT Grade Code | Management Grade Name                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-----------------|----------------------------------------|-----------|---------|-----------|----------|-----------|
| 1001A           | Economic Development Project Manager-A | Step A    | 51.3427 | 4107.42   | 8899.40  | 106792.82 |
|                 |                                        | Step B    | 53.9098 | 4312.78   | 9344.37  | 112132.38 |
|                 |                                        | Step C    | 56.6053 | 4528.42   | 9811.59  | 117739.02 |
|                 |                                        | Step D    | 59.4355 | 4754.84   | 10302.15 | 123625.84 |
|                 |                                        | Step E    | 62.4073 | 4992.58   | 10817.27 | 129807.18 |
|                 |                                        | Step F    | 65.5277 | 5242.22   | 11358.13 | 136297.62 |
|                 |                                        | Step G    | 68.8041 | 5504.33   | 11926.04 | 143112.53 |
| 1310A           | Electric Business Analyst I-A          | Step A    | 47.5953 | 3807.62   | 8249.85  | 98998.22  |
|                 |                                        | Step B    | 49.9751 | 3998.01   | 8662.35  | 103948.21 |
|                 |                                        | Step C    | 52.4739 | 4197.91   | 9095.48  | 109145.71 |
|                 |                                        | Step D    | 55.0975 | 4407.80   | 9550.23  | 114602.80 |
|                 |                                        | Step E    | 57.8525 | 4628.20   | 10027.77 | 120333.20 |
|                 |                                        | Step F    | 60.7451 | 4859.61   | 10529.15 | 126349.81 |
|                 |                                        | Step G    | 63.7823 | 5102.58   | 11055.60 | 132667.18 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                      |           |         |           |          |           |
|------------|---------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1312A      | Electric Business Analyst II-A  | Step A    | 52.3545 | 4188.36   | 9074.78  | 108897.36 |
|            |                                 | Step B    | 54.9723 | 4397.78   | 9528.53  | 114342.38 |
|            |                                 | Step C    | 57.7208 | 4617.66   | 10004.94 | 120059.26 |
|            |                                 | Step D    | 60.6069 | 4848.55   | 10505.20 | 126062.35 |
|            |                                 | Step E    | 63.6372 | 5090.98   | 11030.45 | 132365.38 |
|            |                                 | Step F    | 66.8191 | 5345.53   | 11581.98 | 138983.73 |
|            |                                 | Step G    | 70.1600 | 5612.80   | 12161.07 | 145932.80 |
| 1066A      | Electric Compliance Analyst I-A | Step A    | 47.5950 | 3807.60   | 8249.80  | 98997.60  |
|            |                                 | Step B    | 49.9748 | 3997.98   | 8662.30  | 103947.58 |
|            |                                 | Step C    | 52.4736 | 4197.89   | 9095.42  | 109145.09 |
|            |                                 | Step D    | 55.0972 | 4407.78   | 9550.18  | 114602.18 |
|            |                                 | Step E    | 57.8520 | 4628.16   | 10027.68 | 120332.16 |
|            |                                 | Step F    | 60.7446 | 4859.57   | 10529.06 | 126348.77 |
|            |                                 | Step G    | 63.7819 | 5102.55   | 11055.53 | 132666.35 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                              |           |         |           |          |           |
|------------|-----------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 2335A      | Electric Compliance Analyst II-A        | Step A    | 52.3553 | 4188.42   | 9074.92  | 108899.02 |
|            |                                         | Step B    | 54.9732 | 4397.86   | 9528.69  | 114344.26 |
|            |                                         | Step C    | 57.7218 | 4617.74   | 10005.11 | 120061.34 |
|            |                                         | Step D    | 60.6078 | 4848.62   | 10505.35 | 126064.22 |
|            |                                         | Step E    | 63.6382 | 5091.06   | 11030.62 | 132367.46 |
|            |                                         | Step F    | 66.8201 | 5345.61   | 11582.15 | 138985.81 |
|            |                                         | Step G    | 70.1612 | 5612.90   | 12161.27 | 145935.30 |
| 6285A      | Electric Customer Programs Supervisor-A | Step A    | 66.2291 | 5298.33   | 11479.71 | 137756.53 |
|            |                                         | Step B    | 69.5407 | 5563.26   | 12053.72 | 144644.66 |
|            |                                         | Step C    | 73.0177 | 5841.42   | 12656.40 | 151876.82 |
|            |                                         | Step D    | 76.6684 | 6133.47   | 13289.19 | 159470.27 |
|            |                                         | Step E    | 80.5018 | 6440.14   | 13953.65 | 167443.74 |
|            |                                         | Step F    | 84.5269 | 6762.15   | 14651.33 | 175815.95 |
|            |                                         | Step G    | 88.7534 | 7100.27   | 15383.92 | 184607.07 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                                              |           |         |           |          |           |
|------------|---------------------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1117A      | Electric Economic and Development Partnership Manager-A | Step A    | 72.8521 | 5828.17   | 12627.70 | 151532.37 |
|            |                                                         | Step B    | 76.4947 | 6119.58   | 13259.08 | 159108.98 |
|            |                                                         | Step C    | 80.3194 | 6425.55   | 13922.03 | 167064.35 |
|            |                                                         | Step D    | 84.3354 | 6746.83   | 14618.14 | 175417.63 |
|            |                                                         | Step E    | 88.5521 | 7084.17   | 15349.03 | 184188.37 |
|            |                                                         | Step F    | 92.9798 | 7438.38   | 16116.50 | 193397.98 |
|            |                                                         | Step G    | 97.6287 | 7810.30   | 16922.31 | 203067.70 |
| 2284A      | Electric Engineering Technician Supervisor-A            | Step A    | 58.8774 | 4710.19   | 10205.42 | 122464.99 |
|            |                                                         | Step B    | 61.8211 | 4945.69   | 10715.66 | 128587.89 |
|            |                                                         | Step C    | 64.9122 | 5192.98   | 11251.45 | 135017.38 |
|            |                                                         | Step D    | 68.1579 | 5452.63   | 11814.04 | 141768.43 |
|            |                                                         | Step E    | 71.5656 | 5725.25   | 12404.70 | 148856.45 |
|            |                                                         | Step F    | 75.1440 | 6011.52   | 13024.96 | 156299.52 |
|            |                                                         | Step G    | 78.9012 | 6312.10   | 13676.21 | 164114.50 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                       |           |          |           |          |           |
|------------|----------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                       | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 2338A      | Electric Operations Manager-A    | Step A    | 88.8925  | 7111.40   | 15408.03 | 184896.40 |
|            |                                  | Step B    | 93.3371  | 7466.97   | 16178.43 | 194141.17 |
|            |                                  | Step C    | 98.0039  | 7840.31   | 16987.34 | 203848.11 |
|            |                                  | Step D    | 102.9043 | 8232.34   | 17836.75 | 214040.94 |
|            |                                  | Step E    | 108.0495 | 8643.96   | 18728.58 | 224742.96 |
|            |                                  | Step F    | 113.4519 | 9076.15   | 19665.00 | 235979.95 |
|            |                                  | Step G    | 119.1244 | 9529.95   | 20648.23 | 247778.75 |
| 2339A      | Electric Operations Supervisor-A | Step A    | 80.8150  | 6465.20   | 14007.93 | 168095.20 |
|            |                                  | Step B    | 84.8559  | 6788.47   | 14708.36 | 176500.27 |
|            |                                  | Step C    | 89.0986  | 7127.89   | 15443.76 | 185325.09 |
|            |                                  | Step D    | 93.5534  | 7484.27   | 16215.92 | 194591.07 |
|            |                                  | Step E    | 98.2312  | 7858.50   | 17026.74 | 204320.90 |
|            |                                  | Step F    | 103.1428 | 8251.42   | 17878.09 | 214537.02 |
|            |                                  | Step G    | 108.2998 | 8663.98   | 18771.97 | 225263.58 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------|-----------|---------|-----------|----------|-----------|
| 2314A      | Electric Resources Planner I-A  | Step A    | 54.9699 | 4397.59   | 9528.12  | 114337.39 |
|            |                                 | Step B    | 57.7184 | 4617.47   | 10004.52 | 120054.27 |
|            |                                 | Step C    | 60.6043 | 4848.34   | 10504.75 | 126056.94 |
|            |                                 | Step D    | 63.6344 | 5090.75   | 11029.96 | 132359.55 |
|            |                                 | Step E    | 66.8162 | 5345.30   | 11581.47 | 138977.70 |
|            |                                 | Step F    | 70.1570 | 5612.56   | 12160.55 | 145926.56 |
|            |                                 | Step G    | 73.6650 | 5893.20   | 12768.60 | 153223.20 |
| 2316A      | Electric Resources Planner II-A | Step A    | 60.4668 | 4837.34   | 10480.91 | 125770.94 |
|            |                                 | Step B    | 63.4902 | 5079.22   | 11004.97 | 132059.62 |
|            |                                 | Step C    | 66.6646 | 5333.17   | 11555.20 | 138662.37 |
|            |                                 | Step D    | 69.9979 | 5599.83   | 12132.97 | 145595.63 |
|            |                                 | Step E    | 73.4978 | 5879.82   | 12739.62 | 152875.42 |
|            |                                 | Step F    | 77.1727 | 6173.82   | 13376.60 | 160519.22 |
|            |                                 | Step G    | 81.0315 | 6482.52   | 14045.46 | 168545.52 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------------------|-----------|---------|-----------|----------|-----------|
| 2216A      | Electric Risk and Compliance Supervisor-A | Step A    | 66.2254 | 5298.03   | 11479.07 | 137748.83 |
|            |                                           | Step B    | 69.5366 | 5562.93   | 12053.01 | 144636.13 |
|            |                                           | Step C    | 73.0136 | 5841.09   | 12655.69 | 151868.29 |
|            |                                           | Step D    | 76.6641 | 6133.13   | 13288.44 | 159461.33 |
|            |                                           | Step E    | 80.4975 | 6439.80   | 13952.90 | 167434.80 |
|            |                                           | Step F    | 84.5223 | 6761.78   | 14650.53 | 175806.38 |
|            |                                           | Step G    | 88.7483 | 7099.86   | 15383.04 | 184596.46 |
| 2352A      | Electric Safety Coordinator-A             | Step A    | 40.9244 | 3273.95   | 7093.56  | 85122.75  |
|            |                                           | Step B    | 42.9704 | 3437.63   | 7448.20  | 89378.43  |
|            |                                           | Step C    | 45.1189 | 3609.51   | 7820.61  | 93847.31  |
|            |                                           | Step D    | 47.3750 | 3790.00   | 8211.67  | 98540.00  |
|            |                                           | Step E    | 49.7435 | 3979.48   | 8622.21  | 103466.48 |
|            |                                           | Step F    | 52.2307 | 4178.46   | 9053.32  | 108639.86 |
|            |                                           | Step G    | 54.8425 | 4387.40   | 9506.03  | 114072.40 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                                  |           |          |           |          |           |
|------------|---------------------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                                  | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 2319A      | Electric Substation Supervisor-A            | Step A    | 80.8150  | 6465.20   | 14007.93 | 168095.20 |
|            |                                             | Step B    | 84.8559  | 6788.47   | 14708.36 | 176500.27 |
|            |                                             | Step C    | 89.0986  | 7127.89   | 15443.76 | 185325.09 |
|            |                                             | Step D    | 93.5534  | 7484.27   | 16215.92 | 194591.07 |
|            |                                             | Step E    | 98.2312  | 7858.50   | 17026.74 | 204320.90 |
|            |                                             | Step F    | 103.1428 | 8251.42   | 17878.09 | 214537.02 |
|            |                                             | Step G    | 108.2998 | 8663.98   | 18771.97 | 225263.58 |
| 9560A      | Electric Technology Systems Administrator-A | Step A    | 66.2292  | 5298.34   | 11479.73 | 137756.74 |
|            |                                             | Step B    | 69.5407  | 5563.26   | 12053.72 | 144644.66 |
|            |                                             | Step C    | 73.0176  | 5841.41   | 12656.38 | 151876.61 |
|            |                                             | Step D    | 76.6684  | 6133.47   | 13289.19 | 159470.27 |
|            |                                             | Step E    | 80.5019  | 6440.15   | 13953.66 | 167443.95 |
|            |                                             | Step F    | 84.5271  | 6762.17   | 14651.36 | 175816.37 |
|            |                                             | Step G    | 88.7534  | 7100.27   | 15383.92 | 184607.07 |





## City of Roseville

### Salary Schedule: Management-A

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#### MGMT Management

| Grade Code | Grade Name                                 | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------------------|-----------|----------|-----------|----------|-----------|
| 1116A      | Electric Utility Chief Operating Officer-A | Step A    | 112.4492 | 8995.94   | 19491.19 | 233894.34 |
|            |                                            | Step B    | 118.0717 | 9445.74   | 20465.76 | 245589.14 |
|            |                                            | Step C    | 123.9753 | 9918.02   | 21489.05 | 257868.62 |
|            |                                            | Step D    | 130.1741 | 10413.93  | 22563.51 | 270762.13 |
|            |                                            | Step E    | 136.6828 | 10934.62  | 23691.69 | 284300.22 |
|            |                                            | Step F    | 143.5169 | 11481.35  | 24876.26 | 298515.15 |
|            |                                            | Step G    | 150.6927 | 12055.42  | 26120.07 | 313440.82 |
| 2320A      | Electric Utility Director-A                | Step A    | 127.7846 | 10222.77  | 22149.33 | 265791.97 |
|            |                                            | Step B    | 134.1739 | 10733.91  | 23256.81 | 279081.71 |
|            |                                            | Step C    | 140.8827 | 11270.62  | 24419.67 | 293036.02 |
|            |                                            | Step D    | 147.9268 | 11834.14  | 25640.65 | 307687.74 |
|            |                                            | Step E    | 155.3232 | 12425.86  | 26922.69 | 323072.26 |
|            |                                            | Step F    | 163.0893 | 13047.14  | 28268.81 | 339225.74 |
|            |                                            | Step G    | 171.2437 | 13699.50  | 29682.24 | 356186.90 |



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| MGMT       | Management                                 |           |         |           |          |           |
|------------|--------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                 | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 2215A      | Electric Utility Financial Administrator-A | Step A    | 66.2287 | 5298.30   | 11479.64 | 137755.70 |
|            |                                            | Step B    | 69.5400 | 5563.20   | 12053.60 | 144643.20 |
|            |                                            | Step C    | 73.0171 | 5841.37   | 12656.30 | 151875.57 |
|            |                                            | Step D    | 76.6679 | 6133.43   | 13289.10 | 159469.23 |
|            |                                            | Step E    | 80.5014 | 6440.11   | 13953.58 | 167442.91 |
|            |                                            | Step F    | 84.5264 | 6762.11   | 14651.24 | 175814.91 |
|            |                                            | Step G    | 88.7529 | 7100.23   | 15383.84 | 184606.03 |
| 2378A      | Electronic Maintenance Coordinator-A       | Step A    | 43.4760 | 3478.08   | 7535.84  | 90430.08  |
|            |                                            | Step B    | 45.6498 | 3651.98   | 7912.63  | 94951.58  |
|            |                                            | Step C    | 47.9323 | 3834.58   | 8308.27  | 99699.18  |
|            |                                            | Step D    | 50.3289 | 4026.31   | 8723.68  | 104684.11 |
|            |                                            | Step E    | 52.8452 | 4227.62   | 9159.83  | 109918.02 |
|            |                                            | Step F    | 55.4875 | 4439.00   | 9617.83  | 115414.00 |
|            |                                            | Step G    | 58.2618 | 4660.94   | 10098.71 | 121184.54 |



## City of Roseville

### Salary Schedule: Management-A

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#### MGMT Management

| Grade Code | Grade Name                                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------------------|-----------|---------|-----------|----------|-----------|
| 2500A      | Energy Services Account Representative I-A  | Step A    | 46.8489 | 3747.91   | 8120.48  | 97445.71  |
|            |                                             | Step B    | 49.1914 | 3935.31   | 8526.51  | 102318.11 |
|            |                                             | Step C    | 51.6509 | 4132.07   | 8952.82  | 107433.87 |
|            |                                             | Step D    | 54.2334 | 4338.67   | 9400.46  | 112805.47 |
|            |                                             | Step E    | 56.9452 | 4555.62   | 9870.50  | 118446.02 |
|            |                                             | Step F    | 59.7924 | 4783.39   | 10364.02 | 124368.19 |
|            |                                             | Step G    | 62.7820 | 5022.56   | 10882.21 | 130586.56 |
| 2501A      | Energy Services Account Representative II-A | Step A    | 51.5339 | 4122.71   | 8932.54  | 107190.51 |
|            |                                             | Step B    | 54.1106 | 4328.85   | 9379.17  | 112550.05 |
|            |                                             | Step C    | 56.8161 | 4545.29   | 9848.12  | 118177.49 |
|            |                                             | Step D    | 59.6569 | 4772.55   | 10340.53 | 124086.35 |
|            |                                             | Step E    | 62.6399 | 5011.19   | 10857.58 | 130290.99 |
|            |                                             | Step F    | 65.7718 | 5261.74   | 11400.45 | 136805.34 |
|            |                                             | Step G    | 69.0604 | 5524.83   | 11970.47 | 143645.63 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                  |           |         |           |          |           |
|------------|-----------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1277A      | Engineering Manager-A       | Step A    | 64.5449 | 5163.59   | 11187.78 | 134253.39 |
|            |                             | Step B    | 67.7722 | 5421.78   | 11747.18 | 140966.18 |
|            |                             | Step C    | 71.1603 | 5692.82   | 12334.45 | 148013.42 |
|            |                             | Step D    | 74.7186 | 5977.49   | 12951.22 | 155414.69 |
|            |                             | Step E    | 78.4544 | 6276.35   | 13598.76 | 163185.15 |
|            |                             | Step F    | 82.3769 | 6590.15   | 14278.66 | 171343.95 |
|            |                             | Step G    | 86.4959 | 6919.67   | 14992.62 | 179911.47 |
| 2540A      | Environmental Coordinator-A | Step A    | 47.0632 | 3765.06   | 8157.62  | 97891.46  |
|            |                             | Step B    | 49.4164 | 3953.31   | 8565.51  | 102786.11 |
|            |                             | Step C    | 51.8874 | 4150.99   | 8993.82  | 107925.79 |
|            |                             | Step D    | 54.4816 | 4358.53   | 9443.48  | 113321.73 |
|            |                             | Step E    | 57.2058 | 4576.46   | 9915.67  | 118988.06 |
|            |                             | Step F    | 60.0658 | 4805.26   | 10411.41 | 124936.86 |
|            |                             | Step G    | 63.0692 | 5045.54   | 10931.99 | 131183.94 |



## City of Roseville

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Appendix:I  
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| MGMT       | Management                                    |           |         |           |         |           |
|------------|-----------------------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                                    | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 2546A      | Environmental Utilities Business Analyst I-A  | Step A    | 39.0623 | 3124.98   | 6770.80 | 81249.58  |
|            |                                               | Step B    | 41.0153 | 3281.22   | 7109.32 | 85311.82  |
|            |                                               | Step C    | 43.0662 | 3445.30   | 7464.81 | 89577.70  |
|            |                                               | Step D    | 45.2194 | 3617.55   | 7838.03 | 94056.35  |
|            |                                               | Step E    | 47.4805 | 3798.44   | 8229.95 | 98759.44  |
|            |                                               | Step F    | 49.8545 | 3988.36   | 8641.45 | 103697.36 |
|            |                                               | Step G    | 52.3472 | 4187.78   | 9073.51 | 108882.18 |
| 2547A      | Environmental Utilities Business Analyst II-A | Step A    | 42.9694 | 3437.55   | 7448.03 | 89376.35  |
|            |                                               | Step B    | 45.1179 | 3609.43   | 7820.44 | 93845.23  |
|            |                                               | Step C    | 47.3739 | 3789.91   | 8211.48 | 98537.71  |
|            |                                               | Step D    | 49.7424 | 3979.39   | 8622.02 | 103464.19 |
|            |                                               | Step E    | 52.2296 | 4178.37   | 9053.13 | 108637.57 |
|            |                                               | Step F    | 54.8413 | 4387.30   | 9505.83 | 114069.90 |
|            |                                               | Step G    | 57.5832 | 4606.66   | 9981.09 | 119773.06 |



## City of Roseville

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| MGMT       | Management                                          |           |          |           |          |           |
|------------|-----------------------------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                                          | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 1122A      | Environmental Utilities Business Services Manager-A | Step A    | 57.8472  | 4627.78   | 10026.85 | 120322.18 |
|            |                                                     | Step B    | 60.7396  | 4859.17   | 10528.20 | 126338.37 |
|            |                                                     | Step C    | 63.7766  | 5102.13   | 11054.61 | 132655.33 |
|            |                                                     | Step D    | 66.9654  | 5357.23   | 11607.34 | 139288.03 |
|            |                                                     | Step E    | 70.3136  | 5625.09   | 12187.69 | 146252.29 |
|            |                                                     | Step F    | 73.8294  | 5906.35   | 12797.10 | 153565.15 |
|            |                                                     | Step G    | 77.5208  | 6201.66   | 13436.94 | 161243.26 |
| 1684A      | Environmental Utilities Director-A                  | Step A    | 92.7804  | 7422.43   | 16081.94 | 192983.23 |
|            |                                                     | Step B    | 97.4193  | 7793.54   | 16886.01 | 202632.14 |
|            |                                                     | Step C    | 102.2904 | 8183.23   | 17730.34 | 212764.03 |
|            |                                                     | Step D    | 107.4048 | 8592.38   | 18616.83 | 223401.98 |
|            |                                                     | Step E    | 112.7751 | 9022.01   | 19547.68 | 234572.21 |
|            |                                                     | Step F    | 118.4139 | 9473.11   | 20525.08 | 246300.91 |
|            |                                                     | Step G    | 124.3345 | 9946.76   | 21551.31 | 258615.76 |



## City of Roseville

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| MGMT<br>Grade Code | Management<br>Grade Name                                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|---------------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1024A              | Environmental Utilities Maintenance<br>Superintendent-A | Step A    | 58.3630 | 4669.04   | 10116.25 | 121395.04 |
|                    |                                                         | Step B    | 61.2811 | 4902.49   | 10622.06 | 127464.69 |
|                    |                                                         | Step C    | 64.3451 | 5147.61   | 11153.15 | 133837.81 |
|                    |                                                         | Step D    | 67.5624 | 5404.99   | 11710.82 | 140529.79 |
|                    |                                                         | Step E    | 70.9405 | 5675.24   | 12296.35 | 147556.24 |
|                    |                                                         | Step F    | 74.4875 | 5959.00   | 12911.17 | 154934.00 |
|                    |                                                         | Step G    | 78.2119 | 6256.95   | 13556.73 | 162680.75 |
| 2541A              | Environmental Utility Compliance<br>Administrator-A     | Step A    | 48.2377 | 3859.02   | 8361.20  | 100334.42 |
|                    |                                                         | Step B    | 50.6495 | 4051.96   | 8779.25  | 105350.96 |
|                    |                                                         | Step C    | 53.1819 | 4254.55   | 9218.20  | 110618.35 |
|                    |                                                         | Step D    | 55.8411 | 4467.29   | 9679.12  | 116149.49 |
|                    |                                                         | Step E    | 58.6330 | 4690.64   | 10163.05 | 121956.64 |
|                    |                                                         | Step F    | 61.5647 | 4925.18   | 10671.21 | 128054.58 |
|                    |                                                         | Step G    | 64.6428 | 5171.42   | 11204.75 | 134457.02 |



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#### MGMT Management

| Grade Code | Grade Name              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------|-----------|---------|-----------|----------|-----------|
| 4321A      | Facilities Supervisor-A | Step A    | 39.4813 | 3158.50   | 6843.43  | 82121.10  |
|            |                         | Step B    | 41.4555 | 3316.44   | 7185.62  | 86227.44  |
|            |                         | Step C    | 43.5280 | 3482.24   | 7544.85  | 90538.24  |
|            |                         | Step D    | 45.7045 | 3656.36   | 7922.11  | 95065.36  |
|            |                         | Step E    | 47.9898 | 3839.18   | 8318.23  | 99818.78  |
|            |                         | Step F    | 50.3892 | 4031.14   | 8734.13  | 104809.54 |
|            |                         | Step G    | 52.9087 | 4232.70   | 9170.84  | 110050.10 |
| 2900A      | Finance Manager-A       | Step A    | 57.8472 | 4627.78   | 10026.85 | 120322.18 |
|            |                         | Step B    | 60.7396 | 4859.17   | 10528.20 | 126338.37 |
|            |                         | Step C    | 63.7766 | 5102.13   | 11054.61 | 132655.33 |
|            |                         | Step D    | 66.9654 | 5357.23   | 11607.34 | 139288.03 |
|            |                         | Step E    | 70.3136 | 5625.09   | 12187.69 | 146252.29 |
|            |                         | Step F    | 73.8294 | 5906.35   | 12797.10 | 153565.15 |
|            |                         | Step G    | 77.5208 | 6201.66   | 13436.94 | 161243.26 |





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#### MGMT Management

| Grade Code | Grade Name                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------|-----------|---------|-----------|----------|-----------|
| 0905ZA     | Fire Battalion Chief 8Hr-ZA | Step A    | 57.3325 | 4586.60   | 9937.63  | 119251.60 |
|            |                             | Step B    | 60.1991 | 4815.93   | 10434.51 | 125214.13 |
|            |                             | Step C    | 63.2090 | 5056.72   | 10956.23 | 131474.72 |
|            |                             | Step D    | 66.3695 | 5309.56   | 11504.05 | 138048.56 |
|            |                             | Step E    | 69.6881 | 5575.05   | 12079.27 | 144951.25 |
|            |                             | Step F    | 73.1724 | 5853.79   | 12683.22 | 152198.59 |
|            |                             | Step G    | 76.8308 | 6146.46   | 13317.34 | 159808.06 |
| 0905A      | Fire Battalion Chief-A      | Step A    | 40.9517 | 4586.59   | 9937.61  | 119251.35 |
|            |                             | Step B    | 42.9993 | 4815.92   | 10434.50 | 125213.96 |
|            |                             | Step C    | 45.1493 | 5056.72   | 10956.23 | 131474.76 |
|            |                             | Step D    | 47.4068 | 5309.56   | 11504.05 | 138048.60 |
|            |                             | Step E    | 49.7771 | 5575.04   | 12079.24 | 144950.92 |
|            |                             | Step F    | 52.2660 | 5853.79   | 12683.22 | 152198.59 |
|            |                             | Step G    | 54.8793 | 6146.48   | 13317.38 | 159808.52 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management            |           |          |           |          |           |
|------------|-----------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name            | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 3330A      | Fire Chief-A          | Step A    | 84.6369  | 6770.95   | 14670.40 | 176044.75 |
|            |                       | Step B    | 88.8689  | 7109.51   | 15403.94 | 184847.31 |
|            |                       | Step C    | 93.3121  | 7464.97   | 16174.10 | 194089.17 |
|            |                       | Step D    | 97.9779  | 7838.23   | 16982.84 | 203794.03 |
|            |                       | Step E    | 102.8768 | 8230.14   | 17831.98 | 213983.74 |
|            |                       | Step F    | 108.0203 | 8641.62   | 18723.52 | 224682.22 |
|            |                       | Step G    | 113.4214 | 9073.71   | 19659.71 | 235916.51 |
| 3332A      | Fire Division Chief-A | Step A    | 63.0620  | 5044.96   | 10930.75 | 131168.96 |
|            |                       | Step B    | 66.2150  | 5297.20   | 11477.27 | 137727.20 |
|            |                       | Step C    | 69.5259  | 5562.07   | 12051.16 | 144613.87 |
|            |                       | Step D    | 73.0021  | 5840.17   | 12653.70 | 151844.37 |
|            |                       | Step E    | 76.6523  | 6132.18   | 13286.40 | 159436.78 |
|            |                       | Step F    | 80.4848  | 6438.78   | 13950.70 | 167408.38 |
|            |                       | Step G    | 84.5091  | 6760.73   | 14648.24 | 175778.93 |



## City of Roseville

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Appendix:I  
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| MGMT Management<br>Grade Code | Grade Name                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-------------------------------|-----------------------------|-----------|---------|-----------|----------|-----------|
| 3332ZA                        | Fire Divison Chief 24Hr-ZA  | Step A    | 45.0443 | 5044.96   | 10930.75 | 131169.00 |
|                               |                             | Step B    | 47.2965 | 5297.21   | 11477.28 | 137727.41 |
|                               |                             | Step C    | 49.6612 | 5562.05   | 12051.12 | 144613.41 |
|                               |                             | Step D    | 52.1443 | 5840.16   | 12653.68 | 151844.20 |
|                               |                             | Step E    | 54.7515 | 6132.17   | 13286.36 | 159436.37 |
|                               |                             | Step F    | 57.4891 | 6438.78   | 13950.69 | 167408.26 |
|                               |                             | Step G    | 60.3635 | 6760.71   | 14648.21 | 175778.51 |
| 2565A                         | Fleet Services Supervisor-A | Step A    | 39.1872 | 3134.98   | 6792.45  | 81509.38  |
|                               |                             | Step B    | 41.1465 | 3291.72   | 7132.06  | 85584.72  |
|                               |                             | Step C    | 43.2039 | 3456.31   | 7488.68  | 89864.11  |
|                               |                             | Step D    | 45.3641 | 3629.13   | 7863.11  | 94357.33  |
|                               |                             | Step E    | 47.6323 | 3810.58   | 8256.27  | 99075.18  |
|                               |                             | Step F    | 50.0139 | 4001.11   | 8669.08  | 104028.91 |
|                               |                             | Step G    | 52.5146 | 4201.17   | 9102.53  | 109230.37 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT<br>Grade Code | Management<br>Grade Name                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|-----------------------------------------|-----------|---------|-----------|----------|-----------|
| 3451A              | Government Relations Administrator-A    | Step A    | 56.4732 | 4517.86   | 9788.69  | 117464.26 |
|                    |                                         | Step B    | 59.2968 | 4743.74   | 10278.11 | 123337.34 |
|                    |                                         | Step C    | 62.2617 | 4980.94   | 10792.03 | 129504.34 |
|                    |                                         | Step D    | 65.3748 | 5229.98   | 11331.63 | 135979.58 |
|                    |                                         | Step E    | 68.6435 | 5491.48   | 11898.21 | 142778.48 |
|                    |                                         | Step F    | 72.0756 | 5766.05   | 12493.10 | 149917.25 |
|                    |                                         | Step G    | 75.6794 | 6054.35   | 13117.76 | 157413.15 |
| 1647A              | Government Relations Representative I-A | Step A    | 37.2039 | 2976.31   | 6448.68  | 77384.11  |
|                    |                                         | Step B    | 39.0640 | 3125.12   | 6771.09  | 81253.12  |
|                    |                                         | Step C    | 41.0171 | 3281.37   | 7109.63  | 85315.57  |
|                    |                                         | Step D    | 43.0682 | 3445.46   | 7465.15  | 89581.86  |
|                    |                                         | Step E    | 45.2216 | 3617.73   | 7838.41  | 94060.93  |
|                    |                                         | Step F    | 47.4827 | 3798.62   | 8230.33  | 98764.02  |
|                    |                                         | Step G    | 49.8568 | 3988.54   | 8641.85  | 103702.14 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                               | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1648A      | Government Relations Representative II-A | Step A    | 40.9245 | 3273.96   | 7093.58  | 85122.96  |
|            |                                          | Step B    | 42.9706 | 3437.65   | 7448.24  | 89378.85  |
|            |                                          | Step C    | 45.1190 | 3609.52   | 7820.63  | 93847.52  |
|            |                                          | Step D    | 47.3752 | 3790.02   | 8211.70  | 98540.42  |
|            |                                          | Step E    | 49.7436 | 3979.49   | 8622.22  | 103466.69 |
|            |                                          | Step F    | 52.2310 | 4178.48   | 9053.37  | 108640.48 |
|            |                                          | Step G    | 54.8425 | 4387.40   | 9506.03  | 114072.40 |
| 3589A      | Housing Manager-A                        | Step A    | 51.3387 | 4107.10   | 8898.71  | 106784.50 |
|            |                                          | Step B    | 53.9076 | 4312.61   | 9343.98  | 112127.81 |
|            |                                          | Step C    | 56.6033 | 4528.26   | 9811.24  | 117734.86 |
|            |                                          | Step D    | 59.4332 | 4754.66   | 10301.75 | 123621.06 |
|            |                                          | Step E    | 62.4047 | 4992.38   | 10816.81 | 129801.78 |
|            |                                          | Step F    | 65.5253 | 5242.02   | 11357.72 | 136292.62 |
|            |                                          | Step G    | 68.8013 | 5504.10   | 11925.56 | 143106.70 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                  | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|-----------------------------|-----------|---------|-----------|---------|-----------|
| 3590A      | Housing Supervisor-A        | Step A    | 42.7824 | 3422.59   | 7415.62 | 88987.39  |
|            |                             | Step B    | 44.9215 | 3593.72   | 7786.39 | 93436.72  |
|            |                             | Step C    | 47.1674 | 3773.39   | 8175.68 | 98108.19  |
|            |                             | Step D    | 49.5260 | 3962.08   | 8584.51 | 103014.08 |
|            |                             | Step E    | 52.0020 | 4160.16   | 9013.68 | 108164.16 |
|            |                             | Step F    | 54.6023 | 4368.18   | 9464.40 | 113572.78 |
|            |                             | Step G    | 57.3324 | 4586.59   | 9937.62 | 119251.39 |
| 3594A      | Human Resources Analyst I-A | Step A    | 37.5613 | 3004.90   | 6510.63 | 78127.50  |
|            |                             | Step B    | 39.4394 | 3155.15   | 6836.16 | 82033.95  |
|            |                             | Step C    | 41.4113 | 3312.90   | 7177.96 | 86135.50  |
|            |                             | Step D    | 43.4820 | 3478.56   | 7536.88 | 90442.56  |
|            |                             | Step E    | 45.6561 | 3652.49   | 7913.72 | 94964.69  |
|            |                             | Step F    | 47.9387 | 3835.10   | 8309.37 | 99712.50  |
|            |                             | Step G    | 50.3357 | 4026.86   | 8724.85 | 104698.26 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                   |           |         |           |          |           |
|------------|------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                   | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 3596A      | Human Resources Analyst II-A | Step A    | 41.3174 | 3305.39   | 7161.68  | 85940.19  |
|            |                              | Step B    | 43.3832 | 3470.66   | 7519.75  | 90237.06  |
|            |                              | Step C    | 45.5524 | 3644.19   | 7895.75  | 94748.99  |
|            |                              | Step D    | 47.8301 | 3826.41   | 8290.55  | 99486.61  |
|            |                              | Step E    | 50.2216 | 4017.73   | 8705.08  | 104460.93 |
|            |                              | Step F    | 52.7326 | 4218.61   | 9140.32  | 109683.81 |
|            |                              | Step G    | 55.3693 | 4429.54   | 9597.35  | 115168.14 |
| 3598A      | Human Resources Director-A   | Step A    | 74.0282 | 5922.26   | 12831.55 | 153978.66 |
|            |                              | Step B    | 77.7296 | 6218.37   | 13473.13 | 161677.57 |
|            |                              | Step C    | 81.6161 | 6529.29   | 14146.79 | 169761.49 |
|            |                              | Step D    | 85.6968 | 6855.74   | 14854.11 | 178249.34 |
|            |                              | Step E    | 89.9817 | 7198.54   | 15596.83 | 187161.94 |
|            |                              | Step F    | 94.4809 | 7558.47   | 16376.69 | 196520.27 |
|            |                              | Step G    | 99.2049 | 7936.39   | 17195.52 | 206346.19 |



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| MGMT       | Management                |           |         |           |          |           |
|------------|---------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 3599A      | Human Resources Manager-A | Step A    | 52.2708 | 4181.66   | 9060.27  | 108723.26 |
|            |                           | Step B    | 54.8843 | 4390.74   | 9513.28  | 114159.34 |
|            |                           | Step C    | 57.6287 | 4610.30   | 9988.97  | 119867.70 |
|            |                           | Step D    | 60.5101 | 4840.81   | 10488.42 | 125861.01 |
|            |                           | Step E    | 63.5356 | 5082.85   | 11012.84 | 132154.05 |
|            |                           | Step F    | 66.7126 | 5337.01   | 11563.52 | 138762.21 |
|            |                           | Step G    | 70.0483 | 5603.86   | 12141.71 | 145700.46 |
| 1002A      | Hydrogeologist-A          | Step A    | 57.3714 | 4589.71   | 9944.38  | 119332.51 |
|            |                           | Step B    | 60.2399 | 4819.19   | 10441.58 | 125298.99 |
|            |                           | Step C    | 63.2520 | 5060.16   | 10963.68 | 131564.16 |
|            |                           | Step D    | 66.4147 | 5313.18   | 11511.88 | 138142.58 |
|            |                           | Step E    | 69.7354 | 5578.83   | 12087.47 | 145049.63 |
|            |                           | Step F    | 73.2222 | 5857.78   | 12691.85 | 152302.18 |
|            |                           | Step G    | 76.8831 | 6150.65   | 13326.40 | 159916.85 |





## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT<br>Grade Code | Management<br>Grade Name                            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|-----------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 3625A              | Information Security Administrator-A                | Step A    | 51.4209 | 4113.67   | 8912.96  | 106955.47 |
|                    |                                                     | Step B    | 53.9920 | 4319.36   | 9358.61  | 112303.36 |
|                    |                                                     | Step C    | 56.6915 | 4535.32   | 9826.53  | 117918.32 |
|                    |                                                     | Step D    | 59.5261 | 4762.09   | 10317.86 | 123814.29 |
|                    |                                                     | Step E    | 62.5024 | 5000.19   | 10833.75 | 130004.99 |
|                    |                                                     | Step F    | 65.6275 | 5250.20   | 11375.43 | 136505.20 |
|                    |                                                     | Step G    | 68.9090 | 5512.72   | 11944.23 | 143330.72 |
| 9542A              | Information Technology Client Services Supervisor-A | Step A    | 46.8423 | 3747.38   | 8119.33  | 97431.98  |
|                    |                                                     | Step B    | 49.1844 | 3934.75   | 8525.30  | 102303.55 |
|                    |                                                     | Step C    | 51.6437 | 4131.50   | 8951.57  | 107418.90 |
|                    |                                                     | Step D    | 54.2258 | 4338.06   | 9399.14  | 112789.66 |
|                    |                                                     | Step E    | 56.9372 | 4554.98   | 9869.11  | 118429.38 |
|                    |                                                     | Step F    | 59.7839 | 4782.71   | 10362.54 | 124350.51 |
|                    |                                                     | Step G    | 62.7732 | 5021.86   | 10880.69 | 130568.26 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                               |           |         |           |          |           |
|------------|------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                               | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 3602A      | Information Technology Program Manager-A | Step A    | 51.3060 | 4104.48   | 8893.04  | 106716.48 |
|            |                                          | Step B    | 53.8711 | 4309.69   | 9337.66  | 112051.89 |
|            |                                          | Step C    | 56.5645 | 4525.16   | 9804.51  | 117654.16 |
|            |                                          | Step D    | 59.3928 | 4751.42   | 10294.75 | 123537.02 |
|            |                                          | Step E    | 62.3624 | 4988.99   | 10809.48 | 129713.79 |
|            |                                          | Step F    | 65.4806 | 5238.45   | 11349.97 | 136199.65 |
|            |                                          | Step G    | 68.7547 | 5500.38   | 11917.48 | 143009.78 |
| 3810A      | Key Accounts Representative-A            | Step A    | 56.6845 | 4534.76   | 9825.31  | 117903.76 |
|            |                                          | Step B    | 59.5189 | 4761.51   | 10316.61 | 123799.31 |
|            |                                          | Step C    | 62.4947 | 4999.58   | 10832.41 | 129988.98 |
|            |                                          | Step D    | 65.6195 | 5249.56   | 11374.05 | 136488.56 |
|            |                                          | Step E    | 68.9005 | 5512.04   | 11942.75 | 143313.04 |
|            |                                          | Step F    | 72.3456 | 5787.65   | 12539.90 | 150478.85 |
|            |                                          | Step G    | 75.9628 | 6077.02   | 13166.89 | 158002.62 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                                 |           |         |           |         |           |
|------------|--------------------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                                 | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 4449A      | Management Analyst - City Manager Office-A | Step A    | 42.9706 | 3437.65   | 7448.24 | 89378.85  |
|            |                                            | Step B    | 45.1190 | 3609.52   | 7820.63 | 93847.52  |
|            |                                            | Step C    | 47.3752 | 3790.02   | 8211.70 | 98540.42  |
|            |                                            | Step D    | 49.7436 | 3979.49   | 8622.22 | 103466.69 |
|            |                                            | Step E    | 52.2310 | 4178.48   | 9053.37 | 108640.48 |
|            |                                            | Step F    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |
|            |                                            | Step G    | 57.5845 | 4606.76   | 9981.31 | 119775.76 |
| 0045A      | Management Analyst I-A                     | Step A    | 37.2039 | 2976.31   | 6448.68 | 77384.11  |
|            |                                            | Step B    | 39.0640 | 3125.12   | 6771.09 | 81253.12  |
|            |                                            | Step C    | 41.0171 | 3281.37   | 7109.63 | 85315.57  |
|            |                                            | Step D    | 43.0682 | 3445.46   | 7465.15 | 89581.86  |
|            |                                            | Step E    | 45.2216 | 3617.73   | 7838.41 | 94060.93  |
|            |                                            | Step F    | 47.4827 | 3798.62   | 8230.33 | 98764.02  |
|            |                                            | Step G    | 49.8568 | 3988.54   | 8641.85 | 103702.14 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                           |           |         |           |         |           |
|------------|--------------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                           | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 0050A      | Management Analyst II-A              | Step A    | 40.9245 | 3273.96   | 7093.58 | 85122.96  |
|            |                                      | Step B    | 42.9706 | 3437.65   | 7448.24 | 89378.85  |
|            |                                      | Step C    | 45.1190 | 3609.52   | 7820.63 | 93847.52  |
|            |                                      | Step D    | 47.3752 | 3790.02   | 8211.70 | 98540.42  |
|            |                                      | Step E    | 49.7436 | 3979.49   | 8622.22 | 103466.69 |
|            |                                      | Step F    | 52.2310 | 4178.48   | 9053.37 | 108640.48 |
|            |                                      | Step G    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |
| 5020A      | Park Development Project Manager I-A | Step A    | 37.2039 | 2976.31   | 6448.68 | 77384.11  |
|            |                                      | Step B    | 39.0640 | 3125.12   | 6771.09 | 81253.12  |
|            |                                      | Step C    | 41.0171 | 3281.37   | 7109.63 | 85315.57  |
|            |                                      | Step D    | 43.0682 | 3445.46   | 7465.15 | 89581.86  |
|            |                                      | Step E    | 45.2216 | 3617.73   | 7838.41 | 94060.93  |
|            |                                      | Step F    | 47.4827 | 3798.62   | 8230.33 | 98764.02  |
|            |                                      | Step G    | 49.8568 | 3988.54   | 8641.85 | 103702.14 |



## City of Roseville

### Salary Schedule: Management-A

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| MGMT<br>Grade Code | Management<br>Grade Name                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|-----------------------------------------|-----------|---------|-----------|----------|-----------|
| 5022A              | Park Development Project Manager II-A   | Step A    | 40.9245 | 3273.96   | 7093.58  | 85122.96  |
|                    |                                         | Step B    | 42.9706 | 3437.65   | 7448.24  | 89378.85  |
|                    |                                         | Step C    | 45.1190 | 3609.52   | 7820.63  | 93847.52  |
|                    |                                         | Step D    | 47.3752 | 3790.02   | 8211.70  | 98540.42  |
|                    |                                         | Step E    | 49.7436 | 3979.49   | 8622.22  | 103466.69 |
|                    |                                         | Step F    | 52.2310 | 4178.48   | 9053.37  | 108640.48 |
|                    |                                         | Step G    | 54.8425 | 4387.40   | 9506.03  | 114072.40 |
| 1106A              | Park Planning and Development Manager-A | Step A    | 51.7657 | 4141.26   | 8972.72  | 107672.66 |
|                    |                                         | Step B    | 54.3546 | 4348.37   | 9421.46  | 113057.57 |
|                    |                                         | Step C    | 57.0724 | 4565.79   | 9892.55  | 118710.59 |
|                    |                                         | Step D    | 59.9260 | 4794.08   | 10387.17 | 124646.08 |
|                    |                                         | Step E    | 62.9223 | 5033.78   | 10906.53 | 130878.38 |
|                    |                                         | Step F    | 66.0684 | 5285.47   | 11451.86 | 137422.27 |
|                    |                                         | Step G    | 69.3718 | 5549.74   | 12024.45 | 144293.34 |



## City of Roseville

### Salary Schedule: Management-A

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| MGMT       | Management                                   |           |          |           |          |           |
|------------|----------------------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                                   | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 5082A      | Parks Recreation and Libraries<br>Director-A | Step A    | 77.7301  | 6218.41   | 13473.22 | 161678.61 |
|            |                                              | Step B    | 81.6166  | 6529.33   | 14146.88 | 169762.53 |
|            |                                              | Step C    | 85.6973  | 6855.78   | 14854.20 | 178250.38 |
|            |                                              | Step D    | 89.9821  | 7198.57   | 15596.90 | 187162.77 |
|            |                                              | Step E    | 94.4814  | 7558.51   | 16376.78 | 196521.31 |
|            |                                              | Step F    | 99.2054  | 7936.43   | 17195.60 | 206347.23 |
|            |                                              | Step G    | 104.1657 | 8333.26   | 18055.39 | 216664.66 |
| 9547A      | Parks Recreation and Libraries<br>Manager-A  | Step A    | 53.5919  | 4287.35   | 9289.26  | 111471.15 |
|            |                                              | Step B    | 56.2715  | 4501.72   | 9753.73  | 117044.72 |
|            |                                              | Step C    | 59.0848  | 4726.78   | 10241.37 | 122896.38 |
|            |                                              | Step D    | 62.0395  | 4963.16   | 10753.51 | 129042.16 |
|            |                                              | Step E    | 65.1411  | 5211.29   | 11291.12 | 135493.49 |
|            |                                              | Step F    | 68.3984  | 5471.87   | 11855.72 | 142268.67 |
|            |                                              | Step G    | 71.8183  | 5745.46   | 12448.51 | 149382.06 |



# City of Roseville

## Salary Schedule: Management-A

Appendix:I  
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### MGMT Management

| Grade Code | Grade Name                                         | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 9546A      | Parks Recreation and Libraries<br>Superintendent-A | Step A    | 45.0143 | 3601.14   | 7802.48  | 93629.74  |
|            |                                                    | Step B    | 47.2651 | 3781.21   | 8192.62  | 98311.41  |
|            |                                                    | Step C    | 49.6283 | 3970.26   | 8602.24  | 103226.86 |
|            |                                                    | Step D    | 52.1096 | 4168.77   | 9032.33  | 108387.97 |
|            |                                                    | Step E    | 54.7155 | 4377.24   | 9484.02  | 113808.24 |
|            |                                                    | Step F    | 57.4510 | 4596.08   | 9958.17  | 119498.08 |
|            |                                                    | Step G    | 60.3233 | 4825.86   | 10456.04 | 125472.46 |
| 5069A      | Parks Supervisor-A                                 | Step A    | 37.3398 | 2987.18   | 6472.23  | 77666.78  |
|            |                                                    | Step B    | 39.2066 | 3136.53   | 6795.81  | 81549.73  |
|            |                                                    | Step C    | 41.1671 | 3293.37   | 7135.63  | 85627.57  |
|            |                                                    | Step D    | 43.2254 | 3458.03   | 7492.40  | 89908.83  |
|            |                                                    | Step E    | 45.3867 | 3630.94   | 7867.03  | 94404.34  |
|            |                                                    | Step F    | 47.6559 | 3812.47   | 8260.36  | 99124.27  |
|            |                                                    | Step G    | 50.0387 | 4003.10   | 8673.37  | 104080.50 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|----------------------|-----------|---------|-----------|---------|-----------|
| 1124A      | Payroll Analyst I-A  | Step A    | 37.2039 | 2976.31   | 6448.68 | 77384.11  |
|            |                      | Step B    | 39.0640 | 3125.12   | 6771.09 | 81253.12  |
|            |                      | Step C    | 41.0171 | 3281.37   | 7109.63 | 85315.57  |
|            |                      | Step D    | 43.0682 | 3445.46   | 7465.15 | 89581.86  |
|            |                      | Step E    | 45.2216 | 3617.73   | 7838.41 | 94060.93  |
|            |                      | Step F    | 47.4827 | 3798.62   | 8230.33 | 98764.02  |
|            |                      | Step G    | 49.8568 | 3988.54   | 8641.85 | 103702.14 |
| 1125A      | Payroll Analyst II-A | Step A    | 40.9245 | 3273.96   | 7093.58 | 85122.96  |
|            |                      | Step B    | 42.9706 | 3437.65   | 7448.24 | 89378.85  |
|            |                      | Step C    | 45.1190 | 3609.52   | 7820.63 | 93847.52  |
|            |                      | Step D    | 47.3752 | 3790.02   | 8211.70 | 98540.42  |
|            |                      | Step E    | 49.7436 | 3979.49   | 8622.22 | 103466.69 |
|            |                      | Step F    | 52.2310 | 4178.48   | 9053.37 | 108640.48 |
|            |                      | Step G    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |





## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------|-----------|---------|-----------|----------|-----------|
| 9428A      | Payroll Supervisor-A | Step A    | 47.0629 | 3765.03   | 8157.57  | 97890.83  |
|            |                      | Step B    | 49.4161 | 3953.29   | 8565.46  | 102785.49 |
|            |                      | Step C    | 51.8869 | 4150.95   | 8993.73  | 107924.75 |
|            |                      | Step D    | 54.4812 | 4358.50   | 9443.41  | 113320.90 |
|            |                      | Step E    | 57.2053 | 4576.42   | 9915.59  | 118987.02 |
|            |                      | Step F    | 60.0656 | 4805.25   | 10411.37 | 124936.45 |
|            |                      | Step G    | 63.0689 | 5045.51   | 10931.94 | 131183.31 |
| 1501A      | Permits Supervisor-A | Step A    | 40.9245 | 3273.96   | 7093.58  | 85122.96  |
|            |                      | Step B    | 42.9706 | 3437.65   | 7448.24  | 89378.85  |
|            |                      | Step C    | 45.1190 | 3609.52   | 7820.63  | 93847.52  |
|            |                      | Step D    | 47.3752 | 3790.02   | 8211.70  | 98540.42  |
|            |                      | Step E    | 49.7436 | 3979.49   | 8622.22  | 103466.69 |
|            |                      | Step F    | 52.2310 | 4178.48   | 9053.37  | 108640.48 |
|            |                      | Step G    | 54.8425 | 4387.40   | 9506.03  | 114072.40 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management         |           |         |           |          |           |
|------------|--------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name         | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 5309A      | Planning Manager-A | Step A    | 63.8914 | 5111.31   | 11074.51 | 132894.11 |
|            |                    | Step B    | 67.0859 | 5366.87   | 11628.22 | 139538.67 |
|            |                    | Step C    | 70.4402 | 5635.22   | 12209.63 | 146515.62 |
|            |                    | Step D    | 73.9623 | 5916.98   | 12820.13 | 153841.58 |
|            |                    | Step E    | 77.6605 | 6212.84   | 13461.15 | 161533.84 |
|            |                    | Step F    | 81.5436 | 6523.49   | 14134.22 | 169610.69 |
|            |                    | Step G    | 85.6205 | 6849.64   | 14840.89 | 178090.64 |
| 5400A      | Police Captain-A   | Step A    | 70.4811 | 5638.49   | 12216.72 | 146600.69 |
|            |                    | Step B    | 74.0050 | 5920.40   | 12827.53 | 153930.40 |
|            |                    | Step C    | 77.7053 | 6216.42   | 13468.92 | 161627.02 |
|            |                    | Step D    | 81.5907 | 6527.26   | 14142.39 | 169708.66 |
|            |                    | Step E    | 85.6702 | 6853.62   | 14849.50 | 178194.02 |
|            |                    | Step F    | 89.9536 | 7196.29   | 15591.96 | 187103.49 |
|            |                    | Step G    | 94.4513 | 7556.10   | 16371.56 | 196458.70 |



## City of Roseville

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Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name          | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------|-----------|----------|-----------|----------|-----------|
| 5410A      | Police Chief-A      | Step A    | 91.0614  | 7284.91   | 15783.98 | 189407.71 |
|            |                     | Step B    | 95.6146  | 7649.17   | 16573.20 | 198878.37 |
|            |                     | Step C    | 100.3952 | 8031.62   | 17401.83 | 208822.02 |
|            |                     | Step D    | 105.4151 | 8433.21   | 18271.95 | 219263.41 |
|            |                     | Step E    | 110.6858 | 8854.86   | 19185.54 | 230226.46 |
|            |                     | Step F    | 116.2202 | 9297.62   | 20144.83 | 241738.02 |
|            |                     | Step G    | 122.0311 | 9762.49   | 21152.06 | 253824.69 |
| 5420A      | Police Lieutenant-A | Step A    | 61.2873  | 4902.98   | 10623.13 | 127477.58 |
|            |                     | Step B    | 64.3519  | 5148.15   | 11154.33 | 133851.95 |
|            |                     | Step C    | 67.5694  | 5405.55   | 11712.03 | 140544.35 |
|            |                     | Step D    | 70.9478  | 5675.82   | 12297.62 | 147571.42 |
|            |                     | Step E    | 74.4953  | 5959.62   | 12912.52 | 154950.22 |
|            |                     | Step F    | 78.2200  | 6257.60   | 13558.13 | 162697.60 |
|            |                     | Step G    | 82.1311  | 6570.49   | 14236.06 | 170832.69 |



## City of Roseville

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Appendix:I  
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| MGMT       | Management                            |           |         |           |          |           |
|------------|---------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 5489A      | Police Services Administrator-A       | Step A    | 53.9435 | 4315.48   | 9350.21  | 112202.48 |
|            |                                       | Step B    | 56.6407 | 4531.26   | 9817.72  | 117812.66 |
|            |                                       | Step C    | 59.4727 | 4757.82   | 10308.60 | 123703.22 |
|            |                                       | Step D    | 62.4464 | 4995.71   | 10824.04 | 129888.51 |
|            |                                       | Step E    | 65.5687 | 5245.50   | 11365.24 | 136382.90 |
|            |                                       | Step F    | 68.8471 | 5507.77   | 11933.50 | 143201.97 |
|            |                                       | Step G    | 72.2895 | 5783.16   | 12530.18 | 150362.16 |
| 1039A      | Police Social Services Practitioner-A | Step A    | 35.3582 | 2828.66   | 6128.75  | 73545.06  |
|            |                                       | Step B    | 37.1261 | 2970.09   | 6435.19  | 77222.29  |
|            |                                       | Step C    | 38.9825 | 3118.60   | 6756.97  | 81083.60  |
|            |                                       | Step D    | 40.9316 | 3274.53   | 7094.81  | 85137.73  |
|            |                                       | Step E    | 42.9781 | 3438.25   | 7449.54  | 89394.45  |
|            |                                       | Step F    | 45.1271 | 3610.17   | 7822.03  | 93864.37  |
|            |                                       | Step G    | 47.3834 | 3790.67   | 8213.12  | 98557.47  |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                          |           |          |           |          |           |
|------------|-------------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                          | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 1126A      | Police Social Services Supervisor-A | Step A    | 40.6619  | 3252.95   | 7048.06  | 84576.75  |
|            |                                     | Step B    | 42.6950  | 3415.60   | 7400.47  | 88805.60  |
|            |                                     | Step C    | 44.8298  | 3586.38   | 7770.50  | 93245.98  |
|            |                                     | Step D    | 47.0713  | 3765.70   | 8159.03  | 97908.30  |
|            |                                     | Step E    | 49.4248  | 3953.98   | 8566.97  | 102803.58 |
|            |                                     | Step F    | 51.8961  | 4151.69   | 8995.32  | 107943.89 |
|            |                                     | Step G    | 54.4909  | 4359.27   | 9445.09  | 113341.07 |
| 5505A      | Power Engineering Manager-A         | Step A    | 81.7450  | 6539.60   | 14169.13 | 170029.60 |
|            |                                     | Step B    | 85.8323  | 6866.58   | 14877.60 | 178531.18 |
|            |                                     | Step C    | 90.1239  | 7209.91   | 15621.48 | 187457.71 |
|            |                                     | Step D    | 94.6301  | 7570.41   | 16402.55 | 196830.61 |
|            |                                     | Step E    | 99.3617  | 7948.94   | 17222.69 | 206672.34 |
|            |                                     | Step F    | 104.3297 | 8346.38   | 18083.81 | 217005.78 |
|            |                                     | Step G    | 109.5461 | 8763.69   | 18987.99 | 227855.89 |



## City of Roseville

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Appendix:I  
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| MGMT       | Management                                          |           |          |           |          |           |
|------------|-----------------------------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                                          | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 5600A      | Power Generation Superintendent-A                   | Step A    | 84.3105  | 6744.84   | 14613.82 | 175365.84 |
|            |                                                     | Step B    | 88.5260  | 7082.08   | 15344.51 | 184134.08 |
|            |                                                     | Step C    | 92.9522  | 7436.18   | 16111.71 | 193340.58 |
|            |                                                     | Step D    | 97.5999  | 7807.99   | 16917.32 | 203007.79 |
|            |                                                     | Step E    | 102.4800 | 8198.40   | 17763.20 | 213158.40 |
|            |                                                     | Step F    | 107.6040 | 8608.32   | 18651.36 | 223816.32 |
|            |                                                     | Step G    | 112.9841 | 9038.73   | 19583.91 | 235006.93 |
| 5530A      | Power Plant Operations and Maintenance Supervisor-A | Step A    | 76.7661  | 6141.29   | 13306.12 | 159673.49 |
|            |                                                     | Step B    | 80.6045  | 6448.36   | 13971.45 | 167657.36 |
|            |                                                     | Step C    | 84.6347  | 6770.78   | 14670.01 | 176040.18 |
|            |                                                     | Step D    | 88.8664  | 7109.31   | 15403.51 | 184842.11 |
|            |                                                     | Step E    | 93.3098  | 7464.78   | 16173.70 | 194084.38 |
|            |                                                     | Step F    | 97.9752  | 7838.02   | 16982.37 | 203788.42 |
|            |                                                     | Step G    | 102.8740 | 8229.92   | 17831.49 | 213977.92 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                 | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------------------|-----------|----------|-----------|----------|-----------|
| 5535A      | Power Supply and Portfolio Administrator-A | Step A    | 81.7413  | 6539.30   | 14168.49 | 170021.90 |
|            |                                            | Step B    | 85.8284  | 6866.27   | 14876.92 | 178523.07 |
|            |                                            | Step C    | 90.1199  | 7209.59   | 15620.78 | 187449.39 |
|            |                                            | Step D    | 94.6257  | 7570.06   | 16401.79 | 196821.46 |
|            |                                            | Step E    | 99.3571  | 7948.57   | 17221.90 | 206662.77 |
|            |                                            | Step F    | 104.3249 | 8345.99   | 18082.98 | 216995.79 |
|            |                                            | Step G    | 109.5412 | 8763.30   | 18987.14 | 227845.70 |
| 5519A      | Preventative Maintenance Supervisor-A      | Step A    | 53.0573  | 4244.58   | 9196.60  | 110359.18 |
|            |                                            | Step B    | 55.7101  | 4456.81   | 9656.42  | 115877.01 |
|            |                                            | Step C    | 58.4957  | 4679.66   | 10139.25 | 121671.06 |
|            |                                            | Step D    | 61.4204  | 4913.63   | 10646.20 | 127754.43 |
|            |                                            | Step E    | 64.4915  | 5159.32   | 11178.53 | 134142.32 |
|            |                                            | Step F    | 67.7160  | 5417.28   | 11737.44 | 140849.28 |
|            |                                            | Step G    | 71.1018  | 5688.14   | 12324.31 | 147891.74 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management           |           |         |           |          |           |
|------------|----------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 5514A      | Principal Engineer-A | Step A    | 57.3714 | 4589.71   | 9944.38  | 119332.51 |
|            |                      | Step B    | 60.2399 | 4819.19   | 10441.58 | 125298.99 |
|            |                      | Step C    | 63.2520 | 5060.16   | 10963.68 | 131564.16 |
|            |                      | Step D    | 66.4147 | 5313.18   | 11511.88 | 138142.58 |
|            |                      | Step E    | 69.7354 | 5578.83   | 12087.47 | 145049.63 |
|            |                      | Step F    | 73.2222 | 5857.78   | 12691.85 | 152302.18 |
|            |                      | Step G    | 76.8831 | 6150.65   | 13326.40 | 159916.85 |
| 5513A      | Principal Planner-A  | Step A    | 53.2441 | 4259.53   | 9228.98  | 110747.73 |
|            |                      | Step B    | 55.9064 | 4472.51   | 9690.44  | 116285.31 |
|            |                      | Step C    | 58.7017 | 4696.14   | 10174.96 | 122099.54 |
|            |                      | Step D    | 61.6367 | 4930.94   | 10683.69 | 128204.34 |
|            |                      | Step E    | 64.7186 | 5177.49   | 11217.89 | 134614.69 |
|            |                      | Step F    | 67.9544 | 5436.35   | 11778.76 | 141345.15 |
|            |                      | Step G    | 71.3523 | 5708.18   | 12367.73 | 148412.78 |





## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                       |           |          |           |          |           |
|------------|----------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                       | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 1114A      | Principal Power Engineer-A       | Step A    | 78.1875  | 6255.00   | 13552.50 | 162630.00 |
|            |                                  | Step B    | 82.0969  | 6567.75   | 14230.13 | 170761.55 |
|            |                                  | Step C    | 86.2017  | 6896.14   | 14941.63 | 179299.54 |
|            |                                  | Step D    | 90.5118  | 7240.94   | 15688.71 | 188264.54 |
|            |                                  | Step E    | 95.0374  | 7602.99   | 16473.15 | 197677.79 |
|            |                                  | Step F    | 99.7893  | 7983.14   | 17296.81 | 207561.74 |
|            |                                  | Step G    | 104.7787 | 8382.30   | 18161.64 | 217939.70 |
| 1115A      | Principal Power Plant Engineer-A | Step A    | 78.1875  | 6255.00   | 13552.50 | 162630.00 |
|            |                                  | Step B    | 82.0969  | 6567.75   | 14230.13 | 170761.55 |
|            |                                  | Step C    | 86.2017  | 6896.14   | 14941.63 | 179299.54 |
|            |                                  | Step D    | 90.5118  | 7240.94   | 15688.71 | 188264.54 |
|            |                                  | Step E    | 95.0374  | 7602.99   | 16473.15 | 197677.79 |
|            |                                  | Step F    | 99.7893  | 7983.14   | 17296.81 | 207561.74 |
|            |                                  | Step G    | 104.7787 | 8382.30   | 18161.64 | 217939.70 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------|-----------|---------|-----------|----------|-----------|
| 1004A      | Process Engineer-A   | Step A    | 57.3714 | 4589.71   | 9944.38  | 119332.51 |
|            |                      | Step B    | 60.2399 | 4819.19   | 10441.58 | 125298.99 |
|            |                      | Step C    | 63.2520 | 5060.16   | 10963.68 | 131564.16 |
|            |                      | Step D    | 66.4147 | 5313.18   | 11511.88 | 138142.58 |
|            |                      | Step E    | 69.7354 | 5578.83   | 12087.47 | 145049.63 |
|            |                      | Step F    | 73.2222 | 5857.78   | 12691.85 | 152302.18 |
|            |                      | Step G    | 76.8831 | 6150.65   | 13326.40 | 159916.85 |
| 1069A      | Project Supervisor-A | Step A    | 49.8884 | 3991.07   | 8647.32  | 103767.87 |
|            |                      | Step B    | 52.3829 | 4190.63   | 9079.70  | 108956.43 |
|            |                      | Step C    | 55.0020 | 4400.16   | 9533.68  | 114404.16 |
|            |                      | Step D    | 57.7520 | 4620.16   | 10010.35 | 120124.16 |
|            |                      | Step E    | 60.6397 | 4851.18   | 10510.88 | 126130.58 |
|            |                      | Step F    | 63.6717 | 5093.74   | 11036.43 | 132437.14 |
|            |                      | Step G    | 66.8553 | 5348.42   | 11588.25 | 139059.02 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT Grade Code | Management Grade Name                       | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|-----------------|---------------------------------------------|-----------|----------|-----------|----------|-----------|
| 1108A           | Public Affairs and Communications Manager-A | Step A    | 55.8098  | 4464.78   | 9673.70  | 116084.38 |
|                 |                                             | Step B    | 58.6004  | 4688.03   | 10157.40 | 121888.83 |
|                 |                                             | Step C    | 61.5303  | 4922.42   | 10665.25 | 127983.02 |
|                 |                                             | Step D    | 64.6069  | 5168.55   | 11198.53 | 134382.35 |
|                 |                                             | Step E    | 67.8372  | 5426.98   | 11758.45 | 141101.38 |
|                 |                                             | Step F    | 71.2291  | 5698.33   | 12346.38 | 148156.53 |
|                 |                                             | Step G    | 74.7906  | 5983.25   | 12963.70 | 155564.45 |
| 5635A           | Public Works Director-A                     | Step A    | 77.7314  | 6218.51   | 13473.44 | 161681.31 |
|                 |                                             | Step B    | 81.6180  | 6529.44   | 14147.12 | 169765.44 |
|                 |                                             | Step C    | 85.6990  | 6855.92   | 14854.49 | 178253.92 |
|                 |                                             | Step D    | 89.9839  | 7198.71   | 15597.21 | 187166.51 |
|                 |                                             | Step E    | 94.4831  | 7558.65   | 16377.07 | 196524.85 |
|                 |                                             | Step F    | 99.2072  | 7936.58   | 17195.91 | 206350.98 |
|                 |                                             | Step G    | 104.1675 | 8333.40   | 18055.70 | 216668.40 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT<br>Grade Code | Management<br>Grade Name              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|---------------------------------------|-----------|---------|-----------|----------|-----------|
| 1087A              | Public Works Manager-A                | Step A    | 54.8772 | 4390.18   | 9512.05  | 114144.58 |
|                    |                                       | Step B    | 57.6212 | 4609.70   | 9987.67  | 119852.10 |
|                    |                                       | Step C    | 60.5022 | 4840.18   | 10487.05 | 125844.58 |
|                    |                                       | Step D    | 63.5272 | 5082.18   | 11011.38 | 132136.58 |
|                    |                                       | Step E    | 66.7037 | 5336.30   | 11561.97 | 138743.70 |
|                    |                                       | Step F    | 70.0388 | 5603.10   | 12140.06 | 145680.70 |
|                    |                                       | Step G    | 73.5409 | 5883.27   | 12747.09 | 152965.07 |
| 5652A              | Purchasing and Warehouse<br>Manager-A | Step A    | 50.6893 | 4055.14   | 8786.15  | 105433.74 |
|                    |                                       | Step B    | 53.2238 | 4257.90   | 9225.46  | 110705.50 |
|                    |                                       | Step C    | 55.8849 | 4470.79   | 9686.72  | 116240.59 |
|                    |                                       | Step D    | 58.6792 | 4694.34   | 10171.06 | 122052.74 |
|                    |                                       | Step E    | 61.6132 | 4929.06   | 10679.62 | 128155.46 |
|                    |                                       | Step F    | 64.6939 | 5175.51   | 11213.61 | 134563.31 |
|                    |                                       | Step G    | 67.9285 | 5434.28   | 11774.27 | 141291.28 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
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| MGMT       | Management                          |           |         |           |          |           |
|------------|-------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                          | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 9544A      | Recreation and Library Supervisor-A | Step A    | 37.3398 | 2987.18   | 6472.23  | 77666.78  |
|            |                                     | Step B    | 39.2066 | 3136.53   | 6795.81  | 81549.73  |
|            |                                     | Step C    | 41.1671 | 3293.37   | 7135.63  | 85627.57  |
|            |                                     | Step D    | 43.2254 | 3458.03   | 7492.40  | 89908.83  |
|            |                                     | Step E    | 45.3867 | 3630.94   | 7867.03  | 94404.34  |
|            |                                     | Step F    | 47.6559 | 3812.47   | 8260.36  | 99124.27  |
|            |                                     | Step G    | 50.0387 | 4003.10   | 8673.37  | 104080.50 |
| 6231A      | Refuse Superintendent-A             | Step A    | 47.9372 | 3834.98   | 8309.11  | 99709.38  |
|            |                                     | Step B    | 50.3341 | 4026.73   | 8724.58  | 104694.93 |
|            |                                     | Step C    | 52.8508 | 4228.06   | 9160.81  | 109929.66 |
|            |                                     | Step D    | 55.4935 | 4439.48   | 9618.87  | 115426.48 |
|            |                                     | Step E    | 58.2680 | 4661.44   | 10099.79 | 121197.44 |
|            |                                     | Step F    | 61.1815 | 4894.52   | 10604.79 | 127257.52 |
|            |                                     | Step G    | 64.2404 | 5139.23   | 11135.00 | 133620.03 |



## City of Roseville

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| MGMT       | Management                      |           |         |           |          |           |
|------------|---------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 6235A      | Refuse Supervisor-A             | Step A    | 39.7944 | 3183.55   | 6897.70  | 82772.35  |
|            |                                 | Step B    | 41.7842 | 3342.74   | 7242.59  | 86911.14  |
|            |                                 | Step C    | 43.8735 | 3509.88   | 7604.74  | 91256.88  |
|            |                                 | Step D    | 46.0664 | 3685.31   | 7984.84  | 95818.11  |
|            |                                 | Step E    | 48.3695 | 3869.56   | 8384.05  | 100608.56 |
|            |                                 | Step F    | 50.7879 | 4063.03   | 8803.24  | 105638.83 |
|            |                                 | Step G    | 53.3275 | 4266.20   | 9243.43  | 110921.20 |
| 6244A      | Refuse and Stormwater Manager-A | Step A    | 64.5449 | 5163.59   | 11187.78 | 134253.39 |
|            |                                 | Step B    | 67.7722 | 5421.78   | 11747.18 | 140966.18 |
|            |                                 | Step C    | 71.1603 | 5692.82   | 12334.45 | 148013.42 |
|            |                                 | Step D    | 74.7186 | 5977.49   | 12951.22 | 155414.69 |
|            |                                 | Step E    | 78.4544 | 6276.35   | 13598.76 | 163185.15 |
|            |                                 | Step F    | 82.3769 | 6590.15   | 14278.66 | 171343.95 |
|            |                                 | Step G    | 86.4959 | 6919.67   | 14992.62 | 179911.47 |



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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------|-----------|---------|-----------|----------|-----------|
| 6450A      | Risk Manager-A       | Step A    | 57.4981 | 4599.85   | 9966.34  | 119596.05 |
|            |                      | Step B    | 60.3730 | 4829.84   | 10464.65 | 125575.84 |
|            |                      | Step C    | 63.3918 | 5071.34   | 10987.91 | 131854.94 |
|            |                      | Step D    | 66.5613 | 5324.90   | 11537.29 | 138447.50 |
|            |                      | Step E    | 69.8894 | 5591.15   | 12114.16 | 145369.95 |
|            |                      | Step F    | 73.3839 | 5870.71   | 12719.88 | 152638.51 |
|            |                      | Step G    | 77.0530 | 6164.24   | 13355.85 | 160270.24 |
| 6500A      | Safety Coordinator-A | Step A    | 40.9244 | 3273.95   | 7093.56  | 85122.75  |
|            |                      | Step B    | 42.9704 | 3437.63   | 7448.20  | 89378.43  |
|            |                      | Step C    | 45.1189 | 3609.51   | 7820.61  | 93847.31  |
|            |                      | Step D    | 47.3750 | 3790.00   | 8211.67  | 98540.00  |
|            |                      | Step E    | 49.7435 | 3979.48   | 8622.21  | 103466.48 |
|            |                      | Step F    | 52.2307 | 4178.46   | 9053.32  | 108639.86 |
|            |                      | Step G    | 54.8425 | 4387.40   | 9506.03  | 114072.40 |



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| MGMT       | Management                        |           |         |           |          |           |
|------------|-----------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                        | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 7130A      | Senior Business Systems Analyst-A | Step A    | 44.6131 | 3569.05   | 7732.94  | 92795.25  |
|            |                                   | Step B    | 46.8439 | 3747.51   | 8119.61  | 97435.31  |
|            |                                   | Step C    | 49.1860 | 3934.88   | 8525.57  | 102306.88 |
|            |                                   | Step D    | 51.6453 | 4131.62   | 8951.85  | 107422.22 |
|            |                                   | Step E    | 54.2276 | 4338.21   | 9399.45  | 112793.41 |
|            |                                   | Step F    | 56.9389 | 4555.11   | 9869.41  | 118432.91 |
|            |                                   | Step G    | 59.7860 | 4782.88   | 10362.91 | 124354.88 |
| 7145A      | Senior Database Analyst-A         | Step A    | 44.6131 | 3569.05   | 7732.94  | 92795.25  |
|            |                                   | Step B    | 46.8439 | 3747.51   | 8119.61  | 97435.31  |
|            |                                   | Step C    | 49.1860 | 3934.88   | 8525.57  | 102306.88 |
|            |                                   | Step D    | 51.6453 | 4131.62   | 8951.85  | 107422.22 |
|            |                                   | Step E    | 54.2276 | 4338.21   | 9399.45  | 112793.41 |
|            |                                   | Step F    | 56.9389 | 4555.11   | 9869.41  | 118432.91 |
|            |                                   | Step G    | 59.7860 | 4782.88   | 10362.91 | 124354.88 |





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| MGMT       | Management                                        |           |          |           |          |           |
|------------|---------------------------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                                        | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 7123A      | Senior Deputy City Attorney-A                     | Step A    | 76.9544  | 6156.35   | 13338.76 | 160065.15 |
|            |                                                   | Step B    | 80.8021  | 6464.17   | 14005.70 | 168068.37 |
|            |                                                   | Step C    | 84.8423  | 6787.38   | 14706.00 | 176471.98 |
|            |                                                   | Step D    | 89.0844  | 7126.75   | 15441.30 | 185295.55 |
|            |                                                   | Step E    | 93.5387  | 7483.10   | 16213.37 | 194560.50 |
|            |                                                   | Step F    | 98.2154  | 7857.23   | 17024.00 | 204288.03 |
|            |                                                   | Step G    | 103.1263 | 8250.10   | 17875.23 | 214502.70 |
| 1097A      | Senior Development Services<br>Business Analyst-A | Step A    | 43.8811  | 3510.49   | 7606.06  | 91272.69  |
|            |                                                   | Step B    | 46.0752  | 3686.02   | 7986.37  | 95836.42  |
|            |                                                   | Step C    | 48.3789  | 3870.31   | 8385.68  | 100628.11 |
|            |                                                   | Step D    | 50.7979  | 4063.83   | 8804.97  | 105659.63 |
|            |                                                   | Step E    | 53.3378  | 4267.02   | 9245.22  | 110942.62 |
|            |                                                   | Step F    | 56.0046  | 4480.37   | 9707.46  | 116489.57 |
|            |                                                   | Step G    | 58.8049  | 4704.39   | 10192.85 | 122314.19 |



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| MGMT Grade Code | Management Grade Name                        | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-----------------|----------------------------------------------|-----------|---------|-----------|----------|-----------|
| 7128A           | Senior Electric Business Analyst-A           | Step A    | 57.5905 | 4607.24   | 9982.35  | 119788.24 |
|                 |                                              | Step B    | 60.4700 | 4837.60   | 10481.47 | 125777.60 |
|                 |                                              | Step C    | 63.4936 | 5079.49   | 11005.56 | 132066.69 |
|                 |                                              | Step D    | 66.6681 | 5333.45   | 11555.80 | 138669.65 |
|                 |                                              | Step E    | 70.0015 | 5600.12   | 12133.59 | 145603.12 |
|                 |                                              | Step F    | 73.5016 | 5880.13   | 12740.28 | 152883.33 |
|                 |                                              | Step G    | 77.1769 | 6174.15   | 13377.33 | 160527.95 |
| 1023A           | Senior Electric Technology Systems Analyst-A | Step A    | 59.8944 | 4791.55   | 10381.70 | 124580.35 |
|                 |                                              | Step B    | 62.8891 | 5031.13   | 10900.78 | 130809.33 |
|                 |                                              | Step C    | 66.0336 | 5282.69   | 11445.82 | 137349.89 |
|                 |                                              | Step D    | 69.3353 | 5546.82   | 12018.12 | 144217.42 |
|                 |                                              | Step E    | 72.8020 | 5824.16   | 12619.01 | 151428.16 |
|                 |                                              | Step F    | 76.4421 | 6115.37   | 13249.96 | 158999.57 |
|                 |                                              | Step G    | 80.2642 | 6421.14   | 13912.46 | 166949.54 |



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#### MGMT Management

| Grade Code | Grade Name                                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 7163A      | Senior Energy Services Account Representative-A | Step A    | 56.6845 | 4534.76   | 9825.31  | 117903.76 |
|            |                                                 | Step B    | 59.5189 | 4761.51   | 10316.61 | 123799.31 |
|            |                                                 | Step C    | 62.4947 | 4999.58   | 10832.41 | 129988.98 |
|            |                                                 | Step D    | 65.6195 | 5249.56   | 11374.05 | 136488.56 |
|            |                                                 | Step E    | 68.9005 | 5512.04   | 11942.75 | 143313.04 |
|            |                                                 | Step F    | 72.3456 | 5787.65   | 12539.90 | 150478.85 |
|            |                                                 | Step G    | 75.9628 | 6077.02   | 13166.89 | 158002.62 |
| 7142A      | Senior Engineer-A                               | Step A    | 50.9976 | 4079.81   | 8839.58  | 106075.01 |
|            |                                                 | Step B    | 53.5477 | 4283.82   | 9281.60  | 111379.22 |
|            |                                                 | Step C    | 56.2249 | 4497.99   | 9745.65  | 116947.79 |
|            |                                                 | Step D    | 59.0364 | 4722.91   | 10232.98 | 122795.71 |
|            |                                                 | Step E    | 61.9878 | 4959.02   | 10744.55 | 128934.62 |
|            |                                                 | Step F    | 65.0875 | 5207.00   | 11281.83 | 135382.00 |
|            |                                                 | Step G    | 68.3418 | 5467.34   | 11845.91 | 142150.94 |



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#### MGMT Management

| Grade Code | Grade Name                                           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1065A      | Senior Environmental Utilities<br>Business Analyst-A | Step A    | 47.2647 | 3781.18   | 8192.55  | 98310.58  |
|            |                                                      | Step B    | 49.6277 | 3970.22   | 8602.13  | 103225.62 |
|            |                                                      | Step C    | 52.1092 | 4168.74   | 9032.26  | 108387.14 |
|            |                                                      | Step D    | 54.7146 | 4377.17   | 9483.86  | 113806.37 |
|            |                                                      | Step E    | 57.4506 | 4596.05   | 9958.10  | 119497.25 |
|            |                                                      | Step F    | 60.3229 | 4825.83   | 10455.97 | 125471.63 |
|            |                                                      | Step G    | 63.3391 | 5067.13   | 10978.78 | 131745.33 |
| 7161A      | Senior GIS Analyst-A                                 | Step A    | 43.6911 | 3495.29   | 7573.12  | 90877.49  |
|            |                                                      | Step B    | 45.8756 | 3670.05   | 7951.77  | 95421.25  |
|            |                                                      | Step C    | 48.1693 | 3853.54   | 8349.35  | 100192.14 |
|            |                                                      | Step D    | 50.5780 | 4046.24   | 8766.85  | 105202.24 |
|            |                                                      | Step E    | 53.1069 | 4248.55   | 9205.20  | 110462.35 |
|            |                                                      | Step F    | 55.7623 | 4460.98   | 9665.47  | 115985.58 |
|            |                                                      | Step G    | 58.5503 | 4684.02   | 10148.72 | 121784.62 |



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| MGMT Grade Code | Management Grade Name                   | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-----------------|-----------------------------------------|-----------|---------|-----------|----------|-----------|
| 7150A           | Senior Human Resources Analyst-A        | Step A    | 45.4521 | 3636.17   | 7878.36  | 94540.37  |
|                 |                                         | Step B    | 47.7245 | 3817.96   | 8272.25  | 99266.96  |
|                 |                                         | Step C    | 50.1109 | 4008.87   | 8685.89  | 104230.67 |
|                 |                                         | Step D    | 52.6163 | 4209.30   | 9120.16  | 109441.90 |
|                 |                                         | Step E    | 55.2472 | 4419.78   | 9576.18  | 114914.18 |
|                 |                                         | Step F    | 58.0096 | 4640.77   | 10055.00 | 120659.97 |
|                 |                                         | Step G    | 60.9099 | 4872.79   | 10557.72 | 126692.59 |
| 7194A           | Senior Information Technology Analyst-A | Step A    | 44.6131 | 3569.05   | 7732.94  | 92795.25  |
|                 |                                         | Step B    | 46.8439 | 3747.51   | 8119.61  | 97435.31  |
|                 |                                         | Step C    | 49.1860 | 3934.88   | 8525.57  | 102306.88 |
|                 |                                         | Step D    | 51.6453 | 4131.62   | 8951.85  | 107422.22 |
|                 |                                         | Step E    | 54.2276 | 4338.21   | 9399.45  | 112793.41 |
|                 |                                         | Step F    | 56.9389 | 4555.11   | 9869.41  | 118432.91 |
|                 |                                         | Step G    | 59.7860 | 4782.88   | 10362.91 | 124354.88 |



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| MGMT       | Management                                |           |         |           |          |           |
|------------|-------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1119A      | Senior Park Development Project Manager-A | Step A    | 45.0167 | 3601.34   | 7802.89  | 93634.74  |
|            |                                           | Step B    | 47.2676 | 3781.41   | 8193.05  | 98316.61  |
|            |                                           | Step C    | 49.6310 | 3970.48   | 8602.71  | 103232.48 |
|            |                                           | Step D    | 52.1125 | 4169.00   | 9032.83  | 108394.00 |
|            |                                           | Step E    | 54.7181 | 4377.45   | 9484.47  | 113813.65 |
|            |                                           | Step F    | 57.4540 | 4596.32   | 9958.69  | 119504.32 |
|            |                                           | Step G    | 60.3268 | 4826.14   | 10456.65 | 125479.74 |
| 7180A      | Senior Planner-A                          | Step A    | 46.3003 | 3704.02   | 8025.39  | 96304.62  |
|            |                                           | Step B    | 48.6153 | 3889.22   | 8426.65  | 101119.82 |
|            |                                           | Step C    | 51.0461 | 4083.69   | 8847.99  | 106175.89 |
|            |                                           | Step D    | 53.5983 | 4287.86   | 9290.37  | 111484.46 |
|            |                                           | Step E    | 56.2784 | 4502.27   | 9754.92  | 117059.07 |
|            |                                           | Step F    | 59.0924 | 4727.39   | 10242.68 | 122912.19 |
|            |                                           | Step G    | 62.0468 | 4963.74   | 10754.78 | 129057.34 |



## City of Roseville

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#### MGMT Management

| Grade Code | Grade Name                    | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------|-----------|---------|-----------|----------|-----------|
| 7151A      | Senior Power Engineer-A       | Step A    | 71.0796 | 5686.37   | 12320.46 | 147845.57 |
|            |                               | Step B    | 74.6335 | 5970.68   | 12936.47 | 155237.68 |
|            |                               | Step C    | 78.3653 | 6269.22   | 13583.32 | 162999.82 |
|            |                               | Step D    | 82.2836 | 6582.69   | 14262.49 | 171149.89 |
|            |                               | Step E    | 86.3976 | 6911.81   | 14975.58 | 179707.01 |
|            |                               | Step F    | 90.7175 | 7257.40   | 15724.37 | 188692.40 |
|            |                               | Step G    | 95.2534 | 7620.27   | 16510.59 | 198127.07 |
| 5555A      | Senior Power Plant Engineer-A | Step A    | 71.0796 | 5686.37   | 12320.46 | 147845.57 |
|            |                               | Step B    | 74.6335 | 5970.68   | 12936.47 | 155237.68 |
|            |                               | Step C    | 78.3653 | 6269.22   | 13583.32 | 162999.82 |
|            |                               | Step D    | 82.2836 | 6582.69   | 14262.49 | 171149.89 |
|            |                               | Step E    | 86.3976 | 6911.81   | 14975.58 | 179707.01 |
|            |                               | Step F    | 90.7175 | 7257.40   | 15724.37 | 188692.40 |
|            |                               | Step G    | 95.2534 | 7620.27   | 16510.59 | 198127.07 |



## City of Roseville

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| MGMT       | Management                       |           |         |           |          |           |
|------------|----------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1029A      | Senior Utility Billing Analyst-A | Step A    | 44.5864 | 3566.91   | 7728.31  | 92739.71  |
|            |                                  | Step B    | 46.8158 | 3745.26   | 8114.74  | 97376.86  |
|            |                                  | Step C    | 49.1566 | 3932.53   | 8520.48  | 102245.73 |
|            |                                  | Step D    | 51.6144 | 4129.15   | 8946.50  | 107357.95 |
|            |                                  | Step E    | 54.1952 | 4335.62   | 9393.83  | 112726.02 |
|            |                                  | Step F    | 56.9049 | 4552.39   | 9863.52  | 118362.19 |
|            |                                  | Step G    | 59.7501 | 4780.01   | 10356.68 | 124280.21 |
| 1073A      | Street Maintenance Manager-A     | Step A    | 57.0743 | 4565.94   | 9892.88  | 118714.54 |
|            |                                  | Step B    | 59.9279 | 4794.23   | 10387.50 | 124650.03 |
|            |                                  | Step C    | 62.9245 | 5033.96   | 10906.91 | 130882.96 |
|            |                                  | Step D    | 66.0706 | 5285.65   | 11452.24 | 137426.85 |
|            |                                  | Step E    | 69.3741 | 5549.93   | 12024.84 | 144298.13 |
|            |                                  | Step F    | 72.8428 | 5827.42   | 12626.09 | 151513.02 |
|            |                                  | Step G    | 76.4850 | 6118.80   | 13257.40 | 159088.80 |





## City of Roseville

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| MGMT       | Management                      |           |         |           |          |           |
|------------|---------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 7522A      | Street Maintenance Supervisor-A | Step A    | 37.0884 | 2967.07   | 6428.66  | 77143.87  |
|            |                                 | Step B    | 38.9428 | 3115.42   | 6750.09  | 81001.02  |
|            |                                 | Step C    | 40.8899 | 3271.19   | 7087.58  | 85050.99  |
|            |                                 | Step D    | 42.9345 | 3434.76   | 7441.98  | 89303.76  |
|            |                                 | Step E    | 45.0812 | 3606.50   | 7814.07  | 93768.90  |
|            |                                 | Step F    | 47.3353 | 3786.82   | 8204.79  | 98457.42  |
|            |                                 | Step G    | 49.7019 | 3976.15   | 8615.00  | 103379.95 |
| 1110A      | Transit Operations Supervisor-A | Step A    | 45.0168 | 3601.34   | 7802.91  | 93634.94  |
|            |                                 | Step B    | 47.2675 | 3781.40   | 8193.03  | 98316.40  |
|            |                                 | Step C    | 49.6309 | 3970.47   | 8602.69  | 103232.27 |
|            |                                 | Step D    | 52.1126 | 4169.01   | 9032.85  | 108394.21 |
|            |                                 | Step E    | 54.7182 | 4377.46   | 9484.49  | 113813.86 |
|            |                                 | Step F    | 57.4541 | 4596.33   | 9958.71  | 119504.53 |
|            |                                 | Step G    | 60.3267 | 4826.14   | 10456.63 | 125479.54 |



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| MGMT Grade Code | Management Grade Name                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-----------------|--------------------------------------|-----------|---------|-----------|----------|-----------|
| 8762A           | Urban Forester-A                     | Step A    | 38.8334 | 3106.67   | 6731.12  | 80773.47  |
|                 |                                      | Step B    | 40.7748 | 3261.98   | 7067.63  | 84811.58  |
|                 |                                      | Step C    | 42.8137 | 3425.10   | 7421.04  | 89052.50  |
|                 |                                      | Step D    | 44.9544 | 3596.35   | 7792.10  | 93505.15  |
|                 |                                      | Step E    | 47.2022 | 3776.18   | 8181.71  | 98180.58  |
|                 |                                      | Step F    | 49.5621 | 3964.97   | 8590.76  | 103089.17 |
|                 |                                      | Step G    | 52.0402 | 4163.22   | 9020.30  | 108243.62 |
| 0920A           | Utility Billing Operations Manager-A | Step A    | 57.8472 | 4627.78   | 10026.85 | 120322.18 |
|                 |                                      | Step B    | 60.7396 | 4859.17   | 10528.20 | 126338.37 |
|                 |                                      | Step C    | 63.7766 | 5102.13   | 11054.61 | 132655.33 |
|                 |                                      | Step D    | 66.9654 | 5357.23   | 11607.34 | 139288.03 |
|                 |                                      | Step E    | 70.3136 | 5625.09   | 12187.69 | 146252.29 |
|                 |                                      | Step F    | 73.8294 | 5906.35   | 12797.10 | 153565.15 |
|                 |                                      | Step G    | 77.5208 | 6201.66   | 13436.94 | 161243.26 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT Grade Code | Management Grade Name                           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-----------------|-------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1041A           | Utility Billing and Field Services Supervisor-A | Step A    | 44.1208 | 3529.66   | 7647.61  | 91771.26  |
|                 |                                                 | Step B    | 46.3268 | 3706.14   | 8029.98  | 96359.74  |
|                 |                                                 | Step C    | 48.6431 | 3891.45   | 8431.47  | 101177.65 |
|                 |                                                 | Step D    | 51.0752 | 4086.02   | 8853.03  | 106236.42 |
|                 |                                                 | Step E    | 53.6290 | 4290.32   | 9295.69  | 111548.32 |
|                 |                                                 | Step F    | 56.3105 | 4504.84   | 9760.49  | 117125.84 |
|                 |                                                 | Step G    | 59.1260 | 4730.08   | 10248.51 | 122982.08 |
| 1042A           | Utility Customer Service Supervisor-A           | Step A    | 32.1431 | 2571.45   | 5571.47  | 66857.65  |
|                 |                                                 | Step B    | 33.7501 | 2700.01   | 5850.02  | 70200.21  |
|                 |                                                 | Step C    | 35.4377 | 2835.02   | 6142.53  | 73710.42  |
|                 |                                                 | Step D    | 37.2095 | 2976.76   | 6449.65  | 77395.76  |
|                 |                                                 | Step E    | 39.0700 | 3125.60   | 6772.13  | 81265.60  |
|                 |                                                 | Step F    | 41.0236 | 3281.89   | 7110.76  | 85329.09  |
|                 |                                                 | Step G    | 43.0748 | 3445.98   | 7466.30  | 89595.58  |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                                   |           |         |           |          |           |
|------------|----------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                   | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1102A      | Utility Exploration Center Supervisor-A      | Step A    | 38.3480 | 3067.84   | 6646.99  | 79763.84  |
|            |                                              | Step B    | 40.2651 | 3221.21   | 6979.28  | 83751.41  |
|            |                                              | Step C    | 42.2785 | 3382.28   | 7328.27  | 87939.28  |
|            |                                              | Step D    | 44.3925 | 3551.40   | 7694.70  | 92336.40  |
|            |                                              | Step E    | 46.6121 | 3728.97   | 8079.43  | 96953.17  |
|            |                                              | Step F    | 48.9426 | 3915.41   | 8483.38  | 101800.61 |
|            |                                              | Step G    | 51.3897 | 4111.18   | 8907.55  | 106890.58 |
| 1646A      | Utility Government Relations Administrator-A | Step A    | 49.1077 | 3928.62   | 8512.00  | 102144.02 |
|            |                                              | Step B    | 51.5631 | 4125.05   | 8937.60  | 107251.25 |
|            |                                              | Step C    | 54.1411 | 4331.29   | 9384.46  | 112613.49 |
|            |                                              | Step D    | 56.8482 | 4547.86   | 9853.69  | 118244.26 |
|            |                                              | Step E    | 59.6906 | 4775.25   | 10346.37 | 124156.45 |
|            |                                              | Step F    | 62.6752 | 5014.02   | 10863.70 | 130364.42 |
|            |                                              | Step G    | 65.8089 | 5264.71   | 11406.88 | 136882.51 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                             |           |         |           |          |           |
|------------|----------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                             | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 8980A      | Wastewater Collection Superintendent-A | Step A    | 47.9372 | 3834.98   | 8309.11  | 99709.38  |
|            |                                        | Step B    | 50.3341 | 4026.73   | 8724.58  | 104694.93 |
|            |                                        | Step C    | 52.8508 | 4228.06   | 9160.81  | 109929.66 |
|            |                                        | Step D    | 55.4935 | 4439.48   | 9618.87  | 115426.48 |
|            |                                        | Step E    | 58.2680 | 4661.44   | 10099.79 | 121197.44 |
|            |                                        | Step F    | 61.1815 | 4894.52   | 10604.79 | 127257.52 |
|            |                                        | Step G    | 64.2404 | 5139.23   | 11135.00 | 133620.03 |
| 8978A      | Wastewater Collection Supervisor-A     | Step A    | 39.9500 | 3196.00   | 6924.67  | 83096.00  |
|            |                                        | Step B    | 41.9471 | 3355.77   | 7270.83  | 87249.97  |
|            |                                        | Step C    | 44.0447 | 3523.58   | 7634.41  | 91612.98  |
|            |                                        | Step D    | 46.2469 | 3699.75   | 8016.13  | 96193.55  |
|            |                                        | Step E    | 48.5593 | 3884.74   | 8416.95  | 101003.34 |
|            |                                        | Step F    | 50.9870 | 4078.96   | 8837.75  | 106052.96 |
|            |                                        | Step G    | 53.5364 | 4282.91   | 9279.64  | 111355.71 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT<br>Grade Code | Management<br>Grade Name                    | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|---------------------------------------------|-----------|---------|-----------|----------|-----------|
| 9040A              | Wastewater Treatment Plant Chief Operator-A | Step A    | 52.7315 | 4218.52   | 9140.13  | 109681.52 |
|                    |                                             | Step B    | 55.3683 | 4429.46   | 9597.17  | 115166.06 |
|                    |                                             | Step C    | 58.1364 | 4650.91   | 10076.98 | 120923.71 |
|                    |                                             | Step D    | 61.0435 | 4883.48   | 10580.87 | 126970.48 |
|                    |                                             | Step E    | 64.0954 | 5127.63   | 11109.87 | 133318.43 |
|                    |                                             | Step F    | 67.3002 | 5384.02   | 11665.37 | 139984.42 |
|                    |                                             | Step G    | 70.6651 | 5653.21   | 12248.62 | 146983.41 |
| 9045A              | Wastewater Utility Manager-A                | Step A    | 64.5449 | 5163.59   | 11187.78 | 134253.39 |
|                    |                                             | Step B    | 67.7722 | 5421.78   | 11747.18 | 140966.18 |
|                    |                                             | Step C    | 71.1603 | 5692.82   | 12334.45 | 148013.42 |
|                    |                                             | Step D    | 74.7186 | 5977.49   | 12951.22 | 155414.69 |
|                    |                                             | Step E    | 78.4544 | 6276.35   | 13598.76 | 163185.15 |
|                    |                                             | Step F    | 82.3769 | 6590.15   | 14278.66 | 171343.95 |
|                    |                                             | Step G    | 86.4959 | 6919.67   | 14992.62 | 179911.47 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT<br>Grade Code | Management<br>Grade Name            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|-------------------------------------|-----------|---------|-----------|----------|-----------|
| 9047A              | Water Conservation Administrator-A  | Step A    | 43.9422 | 3515.38   | 7616.65  | 91399.78  |
|                    |                                     | Step B    | 46.1394 | 3691.15   | 7997.50  | 95969.95  |
|                    |                                     | Step C    | 48.4464 | 3875.71   | 8397.38  | 100768.51 |
|                    |                                     | Step D    | 50.8687 | 4069.50   | 8817.24  | 105806.90 |
|                    |                                     | Step E    | 53.4121 | 4272.97   | 9258.10  | 111097.17 |
|                    |                                     | Step F    | 56.0831 | 4486.65   | 9721.07  | 116652.85 |
|                    |                                     | Step G    | 58.8870 | 4710.96   | 10207.08 | 122484.96 |
| 9085A              | Water Distribution Superintendent-A | Step A    | 47.2302 | 3778.42   | 8186.57  | 98238.82  |
|                    |                                     | Step B    | 50.3341 | 4026.73   | 8724.58  | 104694.93 |
|                    |                                     | Step C    | 52.8508 | 4228.06   | 9160.81  | 109929.66 |
|                    |                                     | Step D    | 55.4935 | 4439.48   | 9618.87  | 115426.48 |
|                    |                                     | Step E    | 58.2680 | 4661.44   | 10099.79 | 121197.44 |
|                    |                                     | Step F    | 61.1815 | 4894.52   | 10604.79 | 127257.52 |
|                    |                                     | Step G    | 64.2404 | 5139.23   | 11135.00 | 133620.03 |



## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT Grade Code | Management Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|-----------------|---------------------------------|-----------|---------|-----------|---------|-----------|
| 9084A           | Water Distribution Supervisor-A | Step A    | 39.9499 | 3195.99   | 6924.65 | 83095.79  |
|                 |                                 | Step B    | 41.9471 | 3355.77   | 7270.83 | 87249.97  |
|                 |                                 | Step C    | 44.0447 | 3523.58   | 7634.41 | 91612.98  |
|                 |                                 | Step D    | 46.2469 | 3699.75   | 8016.13 | 96193.55  |
|                 |                                 | Step E    | 48.5592 | 3884.74   | 8416.93 | 101003.14 |
|                 |                                 | Step F    | 50.9870 | 4078.96   | 8837.75 | 106052.96 |
|                 |                                 | Step G    | 53.5364 | 4282.91   | 9279.64 | 111355.71 |
| 9101A           | Water Quality Lab Supervisor-A  | Step A    | 41.9458 | 3355.66   | 7270.61 | 87247.26  |
|                 |                                 | Step B    | 44.0430 | 3523.44   | 7634.12 | 91609.44  |
|                 |                                 | Step C    | 46.2451 | 3699.61   | 8015.82 | 96189.81  |
|                 |                                 | Step D    | 48.5573 | 3884.58   | 8416.60 | 100999.18 |
|                 |                                 | Step E    | 50.9853 | 4078.82   | 8837.45 | 106049.42 |
|                 |                                 | Step F    | 53.5346 | 4282.77   | 9279.33 | 111351.97 |
|                 |                                 | Step G    | 56.2112 | 4496.90   | 9743.27 | 116919.30 |





## City of Roseville

### Salary Schedule: Management-A

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                             |           |         |           |          |           |
|------------|----------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                             | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 9175A      | Water Treatment Plant Chief Operator-A | Step A    | 47.9376 | 3835.01   | 8309.18  | 99710.21  |
|            |                                        | Step B    | 50.3347 | 4026.78   | 8724.68  | 104696.18 |
|            |                                        | Step C    | 52.8512 | 4228.10   | 9160.87  | 109930.50 |
|            |                                        | Step D    | 55.4940 | 4439.52   | 9618.96  | 115427.52 |
|            |                                        | Step E    | 58.2685 | 4661.48   | 10099.87 | 121198.48 |
|            |                                        | Step F    | 61.1821 | 4894.57   | 10604.90 | 127258.77 |
|            |                                        | Step G    | 64.2411 | 5139.29   | 11135.12 | 133621.49 |
| 9244A      | Water Utility Manager-A                | Step A    | 64.5449 | 5163.59   | 11187.78 | 134253.39 |
|            |                                        | Step B    | 67.7722 | 5421.78   | 11747.18 | 140966.18 |
|            |                                        | Step C    | 71.1603 | 5692.82   | 12334.45 | 148013.42 |
|            |                                        | Step D    | 74.7186 | 5977.49   | 12951.22 | 155414.69 |
|            |                                        | Step E    | 78.4544 | 6276.35   | 13598.76 | 163185.15 |
|            |                                        | Step F    | 82.3769 | 6590.15   | 14278.66 | 171343.95 |
|            |                                        | Step G    | 86.4959 | 6919.67   | 14992.62 | 179911.47 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------|-----------|---------|-----------|----------|-----------|
| 1505B      | AMI Project Manager-B | Step A    | 52.3163 | 4185.30   | 9068.16  | 108817.90 |
|            |                       | Step B    | 55.3445 | 4427.56   | 9593.05  | 115116.56 |
|            |                       | Step C    | 57.0049 | 4560.39   | 9880.85  | 118570.19 |
|            |                       | Step D    | 58.7150 | 4697.20   | 10177.27 | 122127.20 |
|            |                       | Step E    | 60.4765 | 4838.12   | 10482.59 | 125791.12 |
|            |                       | Step F    | 62.2908 | 4983.26   | 10797.07 | 129564.86 |
|            |                       | Step G    | 64.1595 | 5132.76   | 11120.98 | 133451.76 |
|            |                       | Step H    | 66.0843 | 5286.74   | 11454.61 | 137455.34 |
|            |                       | Step I    | 68.0668 | 5445.34   | 11798.25 | 141578.94 |
|            |                       | Step J    | 70.1088 | 5608.70   | 12152.19 | 145826.30 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------|-----------|---------|-----------|----------|-----------|
| 1370B      | Accounting Manager-B | Step A    | 57.8472 | 4627.78   | 10026.85 | 120322.18 |
|            |                      | Step B    | 61.1956 | 4895.65   | 10607.24 | 127286.85 |
|            |                      | Step C    | 63.0315 | 5042.52   | 10925.46 | 131105.52 |
|            |                      | Step D    | 64.9224 | 5193.79   | 11253.22 | 135038.59 |
|            |                      | Step E    | 66.8701 | 5349.61   | 11590.82 | 139089.81 |
|            |                      | Step F    | 68.8762 | 5510.10   | 11938.54 | 143262.50 |
|            |                      | Step G    | 70.9426 | 5675.41   | 12296.72 | 147560.61 |
|            |                      | Step H    | 73.0708 | 5845.66   | 12665.61 | 151987.26 |
|            |                      | Step I    | 75.2630 | 6021.04   | 13045.59 | 156547.04 |
|            |                      | Step J    | 77.5208 | 6201.66   | 13436.94 | 161243.26 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------|-----------|---------|-----------|----------|-----------|
| 0043B      | Accounting Supervisor-B | Step A    | 48.5327 | 3882.62   | 8412.33  | 100948.02 |
|            |                         | Step B    | 51.3421 | 4107.37   | 8899.30  | 106791.57 |
|            |                         | Step C    | 52.8823 | 4230.58   | 9166.27  | 109995.18 |
|            |                         | Step D    | 54.4688 | 4357.50   | 9441.26  | 113295.10 |
|            |                         | Step E    | 56.1029 | 4488.23   | 9724.50  | 116694.03 |
|            |                         | Step F    | 57.7860 | 4622.88   | 10016.24 | 120194.88 |
|            |                         | Step G    | 59.5195 | 4761.56   | 10316.71 | 123800.56 |
|            |                         | Step H    | 61.3051 | 4904.41   | 10626.22 | 127514.61 |
|            |                         | Step I    | 63.1443 | 5051.54   | 10945.01 | 131340.14 |
|            |                         | Step J    | 65.0386 | 5203.09   | 11273.36 | 135280.29 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                    | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------|-----------|---------|-----------|----------|-----------|
| 9427B      | Accounts Payable Supervisor-B | Step A    | 46.2214 | 3697.71   | 8011.71  | 96140.51  |
|            |                               | Step B    | 48.8968 | 3911.74   | 8475.45  | 101705.34 |
|            |                               | Step C    | 50.3637 | 4029.10   | 8729.71  | 104756.50 |
|            |                               | Step D    | 51.8746 | 4149.97   | 8991.60  | 107899.17 |
|            |                               | Step E    | 53.4309 | 4274.47   | 9261.36  | 111136.27 |
|            |                               | Step F    | 55.0338 | 4402.70   | 9539.19  | 114470.30 |
|            |                               | Step G    | 56.6848 | 4534.78   | 9825.37  | 117904.38 |
|            |                               | Step H    | 58.3853 | 4670.82   | 10120.12 | 121441.42 |
|            |                               | Step I    | 60.1369 | 4810.95   | 10423.73 | 125084.75 |
|            |                               | Step J    | 61.9410 | 4955.28   | 10736.44 | 128837.28 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                           |           |         |           |          |           |
|------------|--------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 0090B      | Alternative Transportation Manager-B | Step A    | 61.5691 | 4925.53   | 10671.98 | 128063.73 |
|            |                                      | Step B    | 65.1329 | 5210.63   | 11289.70 | 135476.43 |
|            |                                      | Step C    | 67.0869 | 5366.95   | 11628.40 | 139540.75 |
|            |                                      | Step D    | 69.0996 | 5527.97   | 11977.26 | 143727.17 |
|            |                                      | Step E    | 71.1725 | 5693.80   | 12336.57 | 148038.80 |
|            |                                      | Step F    | 73.3077 | 5864.62   | 12706.67 | 152480.02 |
|            |                                      | Step G    | 75.5070 | 6040.56   | 13087.88 | 157054.56 |
|            |                                      | Step H    | 77.7721 | 6221.77   | 13480.50 | 161765.97 |
|            |                                      | Step I    | 80.1053 | 6408.42   | 13884.92 | 166619.02 |
|            |                                      | Step J    | 82.5084 | 6600.67   | 14301.46 | 171617.47 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------|-----------|----------|-----------|----------|-----------|
| 0245B      | Assistant City Attorney-B | Step A    | 88.4976  | 7079.81   | 15339.58 | 184075.01 |
|            |                           | Step B    | 93.6202  | 7489.62   | 16227.50 | 194730.02 |
|            |                           | Step C    | 96.4287  | 7714.30   | 16714.31 | 200571.70 |
|            |                           | Step D    | 99.3217  | 7945.74   | 17215.76 | 206589.14 |
|            |                           | Step E    | 102.3013 | 8184.10   | 17732.23 | 212786.70 |
|            |                           | Step F    | 105.3703 | 8429.62   | 18264.19 | 219170.22 |
|            |                           | Step G    | 108.5314 | 8682.51   | 18812.11 | 225745.31 |
|            |                           | Step H    | 111.7874 | 8942.99   | 19376.48 | 232517.79 |
|            |                           | Step I    | 115.1409 | 9211.27   | 19957.76 | 239493.07 |
|            |                           | Step J    | 118.5952 | 9487.62   | 20556.50 | 246678.02 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

MGMT Management

| Grade Code | Grade Name             |
|------------|------------------------|
| 0250B      | Assistant City Clerk-B |

| Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-----------|---------|-----------|----------|-----------|
| Step A    | 47.0617 | 3764.94   | 8157.36  | 97888.34  |
| Step B    | 49.7859 | 3982.87   | 8629.56  | 103554.67 |
| Step C    | 51.2795 | 4102.36   | 8888.45  | 106661.36 |
| Step D    | 52.8179 | 4225.43   | 9155.10  | 109861.23 |
| Step E    | 54.4025 | 4352.20   | 9429.77  | 113157.20 |
| Step F    | 56.0346 | 4482.77   | 9712.66  | 116551.97 |
| Step G    | 57.7156 | 4617.25   | 10004.04 | 120048.45 |
| Step H    | 59.4470 | 4755.76   | 10304.15 | 123649.76 |
| Step I    | 61.2305 | 4898.44   | 10613.29 | 127359.44 |
| Step J    | 63.0674 | 5045.39   | 10931.68 | 131180.19 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name               | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------|-----------|----------|-----------|----------|-----------|
| 0325B      | Assistant City Manager-B | Step A    | 93.1372  | 7450.98   | 16143.78 | 193725.38 |
|            |                          | Step B    | 98.5283  | 7882.26   | 17078.24 | 204938.86 |
|            |                          | Step C    | 101.4841 | 8118.73   | 17590.58 | 211086.93 |
|            |                          | Step D    | 104.5286 | 8362.29   | 18118.29 | 217419.49 |
|            |                          | Step E    | 107.6645 | 8613.16   | 18661.85 | 223942.16 |
|            |                          | Step F    | 110.8944 | 8871.55   | 19221.70 | 230660.35 |
|            |                          | Step G    | 114.2212 | 9137.70   | 19798.34 | 237580.10 |
|            |                          | Step H    | 117.6478 | 9411.82   | 20392.29 | 244707.42 |
|            |                          | Step I    | 121.1773 | 9694.18   | 21004.07 | 252048.78 |
|            |                          | Step J    | 124.8126 | 9985.01   | 21634.18 | 259610.21 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                          | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------------------------------|-----------|----------|-----------|----------|-----------|
| 1021B      | Assistant City Manager/Chief<br>Financial Officer-B | Step A    | 93.1372  | 7450.98   | 16143.78 | 193725.38 |
|            |                                                     | Step B    | 98.5283  | 7882.26   | 17078.24 | 204938.86 |
|            |                                                     | Step C    | 101.4841 | 8118.73   | 17590.58 | 211086.93 |
|            |                                                     | Step D    | 104.5286 | 8362.29   | 18118.29 | 217419.49 |
|            |                                                     | Step E    | 107.6645 | 8613.16   | 18661.85 | 223942.16 |
|            |                                                     | Step F    | 110.8944 | 8871.55   | 19221.70 | 230660.35 |
|            |                                                     | Step G    | 114.2212 | 9137.70   | 19798.34 | 237580.10 |
|            |                                                     | Step H    | 117.6478 | 9411.82   | 20392.29 | 244707.42 |
|            |                                                     | Step I    | 121.1773 | 9694.18   | 21004.07 | 252048.78 |
|            |                                                     | Step J    | 124.8126 | 9985.01   | 21634.18 | 259610.21 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                   | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|------------------------------|-----------|---------|-----------|---------|-----------|
| 1068B      | Assistant Electric Analyst-B | Step A    | 36.0568 | 2884.54   | 6249.85 | 74998.14  |
|            |                              | Step B    | 38.1440 | 3051.52   | 6611.63 | 79339.52  |
|            |                              | Step C    | 39.2883 | 3143.06   | 6809.97 | 81719.66  |
|            |                              | Step D    | 40.4669 | 3237.35   | 7014.26 | 84171.15  |
|            |                              | Step E    | 41.6810 | 3334.48   | 7224.71 | 86696.48  |
|            |                              | Step F    | 42.9313 | 3434.50   | 7441.43 | 89297.10  |
|            |                              | Step G    | 44.2193 | 3537.54   | 7664.68 | 91976.14  |
|            |                              | Step H    | 45.5459 | 3643.67   | 7894.62 | 94735.47  |
|            |                              | Step I    | 46.9123 | 3752.98   | 8131.47 | 97577.58  |
|            |                              | Step J    | 48.3196 | 3865.57   | 8375.40 | 100504.77 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                            | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------------|-----------|----------|-----------|----------|-----------|
| 0395B      | Assistant Electric Utility Director-B | Step A    | 102.2264 | 8178.11   | 17719.24 | 212630.91 |
|            |                                       | Step B    | 108.1438 | 8651.50   | 18744.93 | 224939.10 |
|            |                                       | Step C    | 111.3882 | 8911.06   | 19307.29 | 231687.46 |
|            |                                       | Step D    | 114.7297 | 9178.38   | 19886.48 | 238637.78 |
|            |                                       | Step E    | 118.1717 | 9453.74   | 20483.09 | 245797.14 |
|            |                                       | Step F    | 121.7168 | 9737.34   | 21097.58 | 253170.94 |
|            |                                       | Step G    | 125.3683 | 10029.46  | 21730.51 | 260766.06 |
|            |                                       | Step H    | 129.1294 | 10330.35  | 22382.43 | 268589.15 |
|            |                                       | Step I    | 133.0032 | 10640.26  | 23053.89 | 276646.66 |
|            |                                       | Step J    | 136.9934 | 10959.47  | 23745.52 | 284946.27 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 0411B      | Assistant Environmental Utilities<br>Director-B | Step A    | 74.2299 | 5938.39   | 12866.52 | 154398.19 |
|            |                                                 | Step B    | 78.5267 | 6282.14   | 13611.29 | 163335.54 |
|            |                                                 | Step C    | 80.8824 | 6470.59   | 14019.62 | 168235.39 |
|            |                                                 | Step D    | 83.3089 | 6664.71   | 14440.21 | 173282.51 |
|            |                                                 | Step E    | 85.8082 | 6864.66   | 14873.42 | 178481.06 |
|            |                                                 | Step F    | 88.3825 | 7070.60   | 15319.63 | 183835.60 |
|            |                                                 | Step G    | 91.0339 | 7282.71   | 15779.21 | 189350.51 |
|            |                                                 | Step H    | 93.7649 | 7501.19   | 16252.58 | 195030.99 |
|            |                                                 | Step I    | 96.5779 | 7726.23   | 16740.17 | 200882.03 |
|            |                                                 | Step J    | 99.4752 | 7958.02   | 17242.37 | 206908.42 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                   | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------|-----------|---------|-----------|----------|-----------|
| 1026B      | Assistant Finance Director-B | Step A    | 66.5234 | 5321.87   | 11530.72 | 138368.67 |
|            |                              | Step B    | 70.3740 | 5629.92   | 12198.16 | 146377.92 |
|            |                              | Step C    | 72.4853 | 5798.82   | 12564.12 | 150769.42 |
|            |                              | Step D    | 74.6599 | 5972.79   | 12941.05 | 155292.59 |
|            |                              | Step E    | 76.8996 | 6151.97   | 13329.26 | 159951.17 |
|            |                              | Step F    | 79.2066 | 6336.53   | 13729.14 | 164749.73 |
|            |                              | Step G    | 81.5829 | 6526.63   | 14141.04 | 169692.43 |
|            |                              | Step H    | 84.0303 | 6722.42   | 14565.25 | 174783.02 |
|            |                              | Step I    | 86.5512 | 6924.10   | 15002.21 | 180026.50 |
|            |                              | Step J    | 89.1478 | 7131.82   | 15452.29 | 185427.42 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name             | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------|-----------|---------|-----------|----------|-----------|
| 0480B      | Assistant Fire Chief-B | Step A    | 69.3681 | 5549.45   | 12023.80 | 144285.65 |
|            |                        | Step B    | 73.3836 | 5870.69   | 12719.82 | 152637.89 |
|            |                        | Step C    | 75.5851 | 6046.81   | 13101.42 | 157217.01 |
|            |                        | Step D    | 77.8526 | 6228.21   | 13494.45 | 161933.41 |
|            |                        | Step E    | 80.1882 | 6415.06   | 13899.29 | 166791.46 |
|            |                        | Step F    | 82.5939 | 6607.51   | 14316.28 | 171795.31 |
|            |                        | Step G    | 85.0716 | 6805.73   | 14745.74 | 176948.93 |
|            |                        | Step H    | 87.6238 | 7009.90   | 15188.13 | 182257.50 |
|            |                        | Step I    | 90.2525 | 7220.20   | 15643.77 | 187725.20 |
|            |                        | Step J    | 92.9601 | 7436.81   | 16113.08 | 193357.01 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------------|-----------|---------|-----------|----------|-----------|
| 0484B      | Assistant Human Resources Director-B | Step A    | 59.2210 | 4737.68   | 10264.97 | 123179.68 |
|            |                                      | Step B    | 62.6489 | 5011.91   | 10859.14 | 130309.71 |
|            |                                      | Step C    | 64.5284 | 5162.27   | 11184.92 | 134219.07 |
|            |                                      | Step D    | 66.4643 | 5317.14   | 11520.48 | 138245.74 |
|            |                                      | Step E    | 68.4582 | 5476.66   | 11866.09 | 142393.06 |
|            |                                      | Step F    | 70.5119 | 5640.95   | 12222.06 | 146664.75 |
|            |                                      | Step G    | 72.6273 | 5810.18   | 12588.73 | 151064.78 |
|            |                                      | Step H    | 74.8061 | 5984.49   | 12966.39 | 155596.69 |
|            |                                      | Step I    | 77.0503 | 6164.02   | 13355.39 | 160264.62 |
|            |                                      | Step J    | 79.3618 | 6348.94   | 13756.05 | 165072.54 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                                     |           |         |           |          |           |
|------------|------------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                     | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 9558B      | Assistant Information Technology<br>Director-B | Step A    | 65.1445 | 5211.56   | 11291.71 | 135500.56 |
|            |                                                | Step B    | 68.9153 | 5513.22   | 11945.32 | 143343.82 |
|            |                                                | Step C    | 70.9828 | 5678.62   | 12303.69 | 147644.22 |
|            |                                                | Step D    | 73.1123 | 5848.98   | 12672.80 | 152073.58 |
|            |                                                | Step E    | 75.3057 | 6024.46   | 13052.99 | 156635.86 |
|            |                                                | Step F    | 77.5647 | 6205.18   | 13444.55 | 161334.58 |
|            |                                                | Step G    | 79.8917 | 6391.34   | 13847.89 | 166174.74 |
|            |                                                | Step H    | 82.2885 | 6583.08   | 14263.34 | 171160.08 |
|            |                                                | Step I    | 84.7571 | 6780.57   | 14691.23 | 176294.77 |
|            |                                                | Step J    | 87.2999 | 6983.99   | 15131.98 | 181583.79 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name               | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------|-----------|----------|-----------|----------|-----------|
| 0510B      | Assistant Police Chief-B | Step A    | 81.0476  | 6483.81   | 14048.25 | 168579.01 |
|            |                          | Step B    | 85.7390  | 6859.12   | 14861.43 | 178337.12 |
|            |                          | Step C    | 88.3111  | 7064.89   | 15307.26 | 183687.09 |
|            |                          | Step D    | 90.9605  | 7276.84   | 15766.49 | 189197.84 |
|            |                          | Step E    | 93.6892  | 7495.14   | 16239.46 | 194873.54 |
|            |                          | Step F    | 96.4999  | 7719.99   | 16726.65 | 200719.79 |
|            |                          | Step G    | 99.3949  | 7951.59   | 17228.45 | 206741.39 |
|            |                          | Step H    | 102.3768 | 8190.14   | 17745.31 | 212943.74 |
|            |                          | Step I    | 105.4480 | 8435.84   | 18277.65 | 219331.84 |
|            |                          | Step J    | 108.6115 | 8688.92   | 18825.99 | 225911.92 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                         |           |         |           |         |           |
|------------|------------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                         | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 0086B      | Assistant Transportation Planner-B | Step A    | 37.2032 | 2976.26   | 6448.55 | 77382.66  |
|            |                                    | Step B    | 39.3568 | 3148.54   | 6821.85 | 81862.14  |
|            |                                    | Step C    | 40.5375 | 3243.00   | 7026.50 | 84318.00  |
|            |                                    | Step D    | 41.7537 | 3340.30   | 7237.31 | 86847.70  |
|            |                                    | Step E    | 43.0062 | 3440.50   | 7454.41 | 89452.90  |
|            |                                    | Step F    | 44.2964 | 3543.71   | 7678.04 | 92136.51  |
|            |                                    | Step G    | 45.6253 | 3650.02   | 7908.39 | 94900.62  |
|            |                                    | Step H    | 46.9941 | 3759.53   | 8145.64 | 97747.73  |
|            |                                    | Step I    | 48.4039 | 3872.31   | 8390.01 | 100680.11 |
|            |                                    | Step J    | 49.8560 | 3988.48   | 8641.71 | 103700.48 |



## City of Roseville

### Salary Schedule: Management-B

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MGMT Management

| Grade Code | Grade Name                   | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|------------------------------|-----------|---------|-----------|---------|-----------|
| 1067B      | Associate Electric Analyst-B | Step A    | 39.6624 | 3172.99   | 6874.82 | 82497.79  |
|            |                              | Step B    | 41.9584 | 3356.67   | 7272.79 | 87273.47  |
|            |                              | Step C    | 43.2171 | 3457.37   | 7490.96 | 89891.57  |
|            |                              | Step D    | 44.5137 | 3561.10   | 7715.71 | 92588.50  |
|            |                              | Step E    | 45.8490 | 3667.92   | 7947.16 | 95365.92  |
|            |                              | Step F    | 47.2245 | 3777.96   | 8185.58 | 98226.96  |
|            |                              | Step G    | 48.6412 | 3891.30   | 8431.14 | 101173.70 |
|            |                              | Step H    | 50.1005 | 4008.04   | 8684.09 | 104209.04 |
|            |                              | Step I    | 51.6035 | 4128.28   | 8944.61 | 107335.28 |
|            |                              | Step J    | 53.1516 | 4252.13   | 9212.94 | 110555.33 |



## City of Roseville

### Salary Schedule: Management-B

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| MGMT       | Management                         |           |         |           |         |           |
|------------|------------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                         | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 0088B      | Associate Transportation Planner-B | Step A    | 40.9245 | 3273.96   | 7093.58 | 85122.96  |
|            |                                    | Step B    | 43.2932 | 3463.46   | 7504.15 | 90049.86  |
|            |                                    | Step C    | 44.5920 | 3567.36   | 7729.28 | 92751.36  |
|            |                                    | Step D    | 45.9297 | 3674.38   | 7961.15 | 95533.78  |
|            |                                    | Step E    | 47.3076 | 3784.61   | 8199.98 | 98399.81  |
|            |                                    | Step F    | 48.7269 | 3898.15   | 8446.00 | 101351.95 |
|            |                                    | Step G    | 50.1886 | 4015.09   | 8699.36 | 104392.29 |
|            |                                    | Step H    | 51.6943 | 4135.54   | 8960.35 | 107524.14 |
|            |                                    | Step I    | 53.2452 | 4259.62   | 9229.17 | 110750.02 |
|            |                                    | Step J    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |



## City of Roseville

### Salary Schedule: Management-B

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#### MGMT Management

| Grade Code | Grade Name         | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|--------------------|-----------|---------|-----------|---------|-----------|
| 0910B      | Budget Analyst I-B | Step A    | 39.0623 | 3124.98   | 6770.80 | 81249.58  |
|            |                    | Step B    | 41.3233 | 3305.86   | 7162.71 | 85952.46  |
|            |                    | Step C    | 42.5630 | 3405.04   | 7377.59 | 88531.04  |
|            |                    | Step D    | 43.8399 | 3507.19   | 7598.92 | 91186.99  |
|            |                    | Step E    | 45.1551 | 3612.41   | 7826.88 | 93922.61  |
|            |                    | Step F    | 46.5098 | 3720.78   | 8061.70 | 96740.38  |
|            |                    | Step G    | 47.9051 | 3832.41   | 8303.55 | 99642.61  |
|            |                    | Step H    | 49.3423 | 3947.38   | 8552.67 | 102631.98 |
|            |                    | Step I    | 50.8225 | 4065.80   | 8809.23 | 105710.80 |
|            |                    | Step J    | 52.3472 | 4187.78   | 9073.51 | 108882.18 |



## City of Roseville

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Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name          | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|---------------------|-----------|---------|-----------|---------|-----------|
| 0915B      | Budget Analyst II-B | Step A    | 42.9694 | 3437.55   | 7448.03 | 89376.35  |
|            |                     | Step B    | 45.4568 | 3636.54   | 7879.18 | 94550.14  |
|            |                     | Step C    | 46.8204 | 3745.63   | 8115.54 | 97386.43  |
|            |                     | Step D    | 48.2250 | 3858.00   | 8359.00 | 100308.00 |
|            |                     | Step E    | 49.6718 | 3973.74   | 8609.78 | 103317.34 |
|            |                     | Step F    | 51.1620 | 4092.96   | 8868.08 | 106416.96 |
|            |                     | Step G    | 52.6968 | 4215.74   | 9134.11 | 109609.34 |
|            |                     | Step H    | 54.2777 | 4342.22   | 9408.13 | 112897.62 |
|            |                     | Step I    | 55.9060 | 4472.48   | 9690.37 | 116284.48 |
|            |                     | Step J    | 57.5832 | 4606.66   | 9981.09 | 119773.06 |



## City of Roseville

### Salary Schedule: Management-B

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#### MGMT Management

| Grade Code | Grade Name       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------|-----------|---------|-----------|----------|-----------|
| 0930B      | Budget Manager-B | Step A    | 57.8472 | 4627.78   | 10026.85 | 120322.18 |
|            |                  | Step B    | 61.1956 | 4895.65   | 10607.24 | 127286.85 |
|            |                  | Step C    | 63.0315 | 5042.52   | 10925.46 | 131105.52 |
|            |                  | Step D    | 64.9224 | 5193.79   | 11253.22 | 135038.59 |
|            |                  | Step E    | 66.8701 | 5349.61   | 11590.82 | 139089.81 |
|            |                  | Step F    | 68.8762 | 5510.10   | 11938.54 | 143262.50 |
|            |                  | Step G    | 70.9426 | 5675.41   | 12296.72 | 147560.61 |
|            |                  | Step H    | 73.0708 | 5845.66   | 12665.61 | 151987.26 |
|            |                  | Step I    | 75.2630 | 6021.04   | 13045.59 | 156547.04 |
|            |                  | Step J    | 77.5208 | 6201.66   | 13436.94 | 161243.26 |





## City of Roseville

### Salary Schedule: Management-B

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#### MGMT Management

| Grade Code | Grade Name                       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------|-----------|---------|-----------|----------|-----------|
| 1017B      | Building Inspection Supervisor-B | Step A    | 46.3003 | 3704.02   | 8025.39  | 96304.62  |
|            |                                  | Step B    | 48.9804 | 3918.43   | 8489.94  | 101879.23 |
|            |                                  | Step C    | 50.4498 | 4035.98   | 8744.63  | 104935.58 |
|            |                                  | Step D    | 51.9632 | 4157.06   | 9006.95  | 108083.46 |
|            |                                  | Step E    | 53.5221 | 4281.77   | 9277.16  | 111325.97 |
|            |                                  | Step F    | 55.1278 | 4410.22   | 9555.49  | 114665.82 |
|            |                                  | Step G    | 56.7816 | 4542.53   | 9842.14  | 118105.73 |
|            |                                  | Step H    | 58.4851 | 4678.81   | 10137.42 | 121649.01 |
|            |                                  | Step I    | 60.2396 | 4819.17   | 10441.53 | 125298.37 |
|            |                                  | Step J    | 62.0468 | 4963.74   | 10754.78 | 129057.34 |



## City of Roseville

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#### MGMT Management

| Grade Code | Grade Name          | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------|-----------|---------|-----------|----------|-----------|
| 1043B      | Building Official-B | Step A    | 61.6607 | 4932.86   | 10687.85 | 128254.26 |
|            |                     | Step B    | 65.2298 | 5218.38   | 11306.50 | 135677.98 |
|            |                     | Step C    | 67.1867 | 5374.94   | 11645.69 | 139748.34 |
|            |                     | Step D    | 69.2022 | 5536.18   | 11995.05 | 143940.58 |
|            |                     | Step E    | 71.2783 | 5702.26   | 12354.91 | 148258.86 |
|            |                     | Step F    | 73.4166 | 5873.33   | 12725.54 | 152706.53 |
|            |                     | Step G    | 75.6191 | 6049.53   | 13107.31 | 157287.73 |
|            |                     | Step H    | 77.8877 | 6231.02   | 13500.53 | 162006.42 |
|            |                     | Step I    | 80.2244 | 6417.95   | 13905.56 | 166866.75 |
|            |                     | Step J    | 82.6311 | 6610.49   | 14322.72 | 171872.69 |



## City of Roseville

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Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                  | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------|-----------|----------|-----------|----------|-----------|
| 1180B      | Chief Information Officer-B | Step A    | 81.4308  | 6514.46   | 14114.67 | 169376.06 |
|            |                             | Step B    | 86.1443  | 6891.54   | 14931.68 | 179180.14 |
|            |                             | Step C    | 88.7286  | 7098.29   | 15379.62 | 184555.49 |
|            |                             | Step D    | 91.3905  | 7311.24   | 15841.02 | 190092.24 |
|            |                             | Step E    | 94.1323  | 7530.58   | 16316.27 | 195795.18 |
|            |                             | Step F    | 96.9562  | 7756.50   | 16805.74 | 201668.90 |
|            |                             | Step G    | 99.8649  | 7989.19   | 17309.92 | 207718.99 |
|            |                             | Step H    | 102.8609 | 8228.87   | 17829.22 | 213950.67 |
|            |                             | Step I    | 105.9466 | 8475.73   | 18364.08 | 220368.93 |
|            |                             | Step J    | 109.1251 | 8730.01   | 18915.02 | 226980.21 |



## City of Roseville

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MGMT Management

Grade Code Grade Name

| Grade Code | Grade Name   | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|--------------|-----------|---------|-----------|----------|-----------|
| 1220B      | City Clerk-B | Step A    | 64.2382 | 5139.06   | 11134.62 | 133615.46 |
|            |              | Step B    | 67.9565 | 5436.52   | 11779.13 | 141349.52 |
|            |              | Step C    | 69.9953 | 5599.62   | 12132.52 | 145590.22 |
|            |              | Step D    | 72.0952 | 5767.62   | 12496.50 | 149958.02 |
|            |              | Step E    | 74.2580 | 5940.64   | 12871.39 | 154456.64 |
|            |              | Step F    | 76.4857 | 6118.86   | 13257.52 | 159090.26 |
|            |              | Step G    | 78.7803 | 6302.42   | 13655.25 | 163863.02 |
|            |              | Step H    | 81.1437 | 6491.50   | 14064.91 | 168778.90 |
|            |              | Step I    | 83.5780 | 6686.24   | 14486.85 | 173842.24 |
|            |              | Step J    | 86.0854 | 6886.83   | 14921.47 | 179057.63 |



## City of Roseville

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Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                    | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|-------------------------------|-----------|---------|-----------|---------|-----------|
| 1368B      | Code Enforcement Supervisor-B | Step A    | 42.5923 | 3407.38   | 7382.67 | 88591.98  |
|            |                               | Step B    | 45.0577 | 3604.62   | 7810.00 | 93720.02  |
|            |                               | Step C    | 46.4095 | 3712.76   | 8044.31 | 96531.76  |
|            |                               | Step D    | 47.8018 | 3824.14   | 8285.65 | 99427.74  |
|            |                               | Step E    | 49.2358 | 3938.86   | 8534.21 | 102410.46 |
|            |                               | Step F    | 50.7129 | 4057.03   | 8790.24 | 105482.83 |
|            |                               | Step G    | 52.2343 | 4178.74   | 9053.95 | 108647.34 |
|            |                               | Step H    | 53.8014 | 4304.11   | 9325.58 | 111906.91 |
|            |                               | Step I    | 55.4153 | 4433.22   | 9605.32 | 115263.82 |
|            |                               | Step J    | 57.0778 | 4566.22   | 9893.49 | 118721.82 |



## City of Roseville

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Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                               | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1027B      | Construction Inspection Superintendent-B | Step A    | 47.3489 | 3787.91   | 8207.14  | 98485.71  |
|            |                                          | Step B    | 50.0898 | 4007.18   | 8682.23  | 104186.78 |
|            |                                          | Step C    | 51.5925 | 4127.40   | 8942.70  | 107312.40 |
|            |                                          | Step D    | 53.1403 | 4251.22   | 9210.99  | 110531.82 |
|            |                                          | Step E    | 54.7345 | 4378.76   | 9487.31  | 113847.76 |
|            |                                          | Step F    | 56.3765 | 4510.12   | 9771.93  | 117263.12 |
|            |                                          | Step G    | 58.0678 | 4645.42   | 10065.09 | 120781.02 |
|            |                                          | Step H    | 59.8099 | 4784.79   | 10367.05 | 124404.59 |
|            |                                          | Step I    | 61.6042 | 4928.34   | 10678.06 | 128136.74 |
|            |                                          | Step J    | 63.4523 | 5076.18   | 10998.40 | 131980.78 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                 | Step Name | Hourly  | Bi-Weekly | Monthly | Annual   |
|------------|----------------------------|-----------|---------|-----------|---------|----------|
| 3740B      | Cultural Arts Supervisor-B | Step A    | 33.4672 | 2677.38   | 5800.98 | 69611.78 |
|            |                            | Step B    | 35.4048 | 2832.38   | 6136.83 | 73641.98 |
|            |                            | Step C    | 36.4669 | 2917.35   | 6320.93 | 75851.15 |
|            |                            | Step D    | 37.5609 | 3004.87   | 6510.56 | 78126.67 |
|            |                            | Step E    | 38.6877 | 3095.02   | 6705.87 | 80470.42 |
|            |                            | Step F    | 39.8484 | 3187.87   | 6907.06 | 82884.67 |
|            |                            | Step G    | 41.0438 | 3283.50   | 7114.26 | 85371.10 |
|            |                            | Step H    | 42.2751 | 3382.01   | 7327.68 | 87932.21 |
|            |                            | Step I    | 43.5434 | 3483.47   | 7547.52 | 90570.27 |
|            |                            | Step J    | 44.8497 | 3587.98   | 7773.95 | 93287.38 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name             | Step Name | Hourly  | Bi-Weekly | Monthly | Annual   |
|------------|------------------------|-----------|---------|-----------|---------|----------|
| 1025B      | Custodian Supervisor-B | Step A    | 24.9933 | 1999.46   | 4332.17 | 51986.06 |
|            |                        | Step B    | 26.4400 | 2115.20   | 4582.93 | 54995.20 |
|            |                        | Step C    | 27.2331 | 2178.65   | 4720.40 | 56644.85 |
|            |                        | Step D    | 28.0502 | 2244.02   | 4862.03 | 58344.42 |
|            |                        | Step E    | 28.8916 | 2311.33   | 5007.88 | 60094.53 |
|            |                        | Step F    | 29.7584 | 2380.67   | 5158.12 | 61897.47 |
|            |                        | Step G    | 30.6511 | 2452.09   | 5312.86 | 63754.29 |
|            |                        | Step H    | 31.5706 | 2525.65   | 5472.24 | 65666.85 |
|            |                        | Step I    | 32.5178 | 2601.42   | 5636.42 | 67637.02 |
|            |                        | Step J    | 33.4933 | 2679.46   | 5805.51 | 69666.06 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT<br>Grade Code | Management<br>Grade Name                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|-------------------------------------------|-----------|---------|-----------|----------|-----------|
| 9561B              | Data Management System<br>Administrator-B | Step A    | 54.6139 | 4369.11   | 9466.41  | 113596.91 |
|                    |                                           | Step B    | 57.7752 | 4622.02   | 10014.37 | 120172.42 |
|                    |                                           | Step C    | 59.5085 | 4760.68   | 10314.81 | 123777.68 |
|                    |                                           | Step D    | 61.2938 | 4903.50   | 10624.26 | 127491.10 |
|                    |                                           | Step E    | 63.1325 | 5050.60   | 10942.97 | 131315.60 |
|                    |                                           | Step F    | 65.0265 | 5202.12   | 11271.26 | 135255.12 |
|                    |                                           | Step G    | 66.9774 | 5358.19   | 11609.42 | 139312.99 |
|                    |                                           | Step H    | 68.9866 | 5518.93   | 11957.68 | 143492.13 |
|                    |                                           | Step I    | 71.0563 | 5684.50   | 12316.43 | 147797.10 |
|                    |                                           | Step J    | 73.1880 | 5855.04   | 12685.92 | 152231.04 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------------------|-----------|---------|-----------|----------|-----------|
| 1645B      | Department Public Information Officer-B | Step A    | 48.5318 | 3882.54   | 8412.18  | 100946.14 |
|            |                                         | Step B    | 51.3411 | 4107.29   | 8899.12  | 106789.49 |
|            |                                         | Step C    | 52.8813 | 4230.50   | 9166.09  | 109993.10 |
|            |                                         | Step D    | 54.4678 | 4357.42   | 9441.09  | 113293.02 |
|            |                                         | Step E    | 56.1018 | 4488.14   | 9724.31  | 116691.74 |
|            |                                         | Step F    | 57.7849 | 4622.79   | 10016.05 | 120192.59 |
|            |                                         | Step G    | 59.5184 | 4761.47   | 10316.52 | 123798.27 |
|            |                                         | Step H    | 61.3040 | 4904.32   | 10626.03 | 127512.32 |
|            |                                         | Step I    | 63.1431 | 5051.45   | 10944.80 | 131337.65 |
|            |                                         | Step J    | 65.0374 | 5202.99   | 11273.15 | 135277.79 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name               | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------|-----------|---------|-----------|----------|-----------|
| 1655B      | Deputy City Attorney I-B | Step A    | 63.5988 | 5087.90   | 11023.79 | 132285.50 |
|            |                          | Step B    | 67.2801 | 5382.41   | 11661.88 | 139942.61 |
|            |                          | Step C    | 69.2984 | 5543.87   | 12011.72 | 144140.67 |
|            |                          | Step D    | 71.3775 | 5710.20   | 12372.10 | 148465.20 |
|            |                          | Step E    | 73.5187 | 5881.50   | 12743.24 | 152918.90 |
|            |                          | Step F    | 75.7243 | 6057.94   | 13125.55 | 157506.54 |
|            |                          | Step G    | 77.9961 | 6239.69   | 13519.32 | 162231.89 |
|            |                          | Step H    | 80.3359 | 6426.87   | 13924.89 | 167098.67 |
|            |                          | Step I    | 82.7460 | 6619.68   | 14342.64 | 172111.68 |
|            |                          | Step J    | 85.2284 | 6818.27   | 14772.92 | 177275.07 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------|-----------|---------|-----------|----------|-----------|
| 1658B      | Deputy City Attorney II-B | Step A    | 69.9587 | 5596.70   | 12126.17 | 145514.10 |
|            |                           | Step B    | 74.0081 | 5920.65   | 12828.07 | 153936.85 |
|            |                           | Step C    | 76.2283 | 6098.26   | 13212.91 | 158554.86 |
|            |                           | Step D    | 78.5152 | 6281.22   | 13609.30 | 163311.62 |
|            |                           | Step E    | 80.8706 | 6469.65   | 14017.57 | 168210.85 |
|            |                           | Step F    | 83.2968 | 6663.74   | 14438.11 | 173257.34 |
|            |                           | Step G    | 85.7956 | 6863.65   | 14871.24 | 178454.85 |
|            |                           | Step H    | 88.3696 | 7069.57   | 15317.40 | 183808.77 |
|            |                           | Step I    | 91.0206 | 7281.65   | 15776.90 | 189322.85 |
|            |                           | Step J    | 93.7513 | 7500.10   | 16250.23 | 195002.70 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------|-----------|---------|-----------|----------|-----------|
| 1659B      | Deputy City Manager-B | Step A    | 70.6621 | 5652.97   | 12248.10 | 146977.17 |
|            |                       | Step B    | 74.7523 | 5980.18   | 12957.07 | 155484.78 |
|            |                       | Step C    | 76.9949 | 6159.59   | 13345.78 | 160149.39 |
|            |                       | Step D    | 79.3046 | 6344.37   | 13746.13 | 164953.57 |
|            |                       | Step E    | 81.6838 | 6534.70   | 14158.53 | 169902.30 |
|            |                       | Step F    | 84.1343 | 6730.74   | 14583.28 | 174999.34 |
|            |                       | Step G    | 86.6584 | 6932.67   | 15020.79 | 180249.47 |
|            |                       | Step H    | 89.2582 | 7140.66   | 15471.42 | 185657.06 |
|            |                       | Step I    | 91.9359 | 7354.87   | 15935.56 | 191226.67 |
|            |                       | Step J    | 94.6939 | 7575.51   | 16413.61 | 196963.31 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------------|-----------|---------|-----------|----------|-----------|
| 1280B      | Development Services Administrator-B | Step A    | 47.5407 | 3803.26   | 8240.39  | 98884.66  |
|            |                                      | Step B    | 50.2926 | 4023.41   | 8717.38  | 104608.61 |
|            |                                      | Step C    | 51.8013 | 4144.10   | 8978.89  | 107746.70 |
|            |                                      | Step D    | 53.3553 | 4268.42   | 9248.25  | 110979.02 |
|            |                                      | Step E    | 54.9560 | 4396.48   | 9525.71  | 114308.48 |
|            |                                      | Step F    | 56.6047 | 4528.38   | 9811.48  | 117737.78 |
|            |                                      | Step G    | 58.3028 | 4664.22   | 10105.82 | 121269.82 |
|            |                                      | Step H    | 60.0519 | 4804.15   | 10409.00 | 124907.95 |
|            |                                      | Step I    | 61.8534 | 4948.27   | 10721.26 | 128655.07 |
|            |                                      | Step J    | 63.7090 | 5096.72   | 11042.89 | 132514.72 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                      | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------|-----------|----------|-----------|----------|-----------|
| 1676B      | Development Services Director-B | Step A    | 77.7295  | 6218.36   | 13473.11 | 161677.36 |
|            |                                 | Step B    | 82.2287  | 6578.30   | 14252.97 | 171035.70 |
|            |                                 | Step C    | 84.6956  | 6775.65   | 14680.57 | 176166.85 |
|            |                                 | Step D    | 87.2365  | 6978.92   | 15120.99 | 181451.92 |
|            |                                 | Step E    | 89.8536  | 7188.29   | 15574.62 | 186895.49 |
|            |                                 | Step F    | 92.5492  | 7403.94   | 16041.86 | 192502.34 |
|            |                                 | Step G    | 95.3256  | 7626.05   | 16523.10 | 198277.25 |
|            |                                 | Step H    | 98.1854  | 7854.83   | 17018.80 | 204225.63 |
|            |                                 | Step I    | 101.1310 | 8090.48   | 17529.37 | 210352.48 |
|            |                                 | Step J    | 104.1649 | 8333.19   | 18055.25 | 216662.99 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                     |           |         |           |          |           |
|------------|--------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                     | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1695B      | Development Services Manager-B | Step A    | 56.5718 | 4525.74   | 9805.78  | 117669.34 |
|            |                                | Step B    | 59.8465 | 4787.72   | 10373.39 | 124480.72 |
|            |                                | Step C    | 61.6419 | 4931.35   | 10684.60 | 128215.15 |
|            |                                | Step D    | 63.4911 | 5079.29   | 11005.12 | 132061.49 |
|            |                                | Step E    | 65.3959 | 5231.67   | 11335.29 | 136023.47 |
|            |                                | Step F    | 67.3577 | 5388.62   | 11675.33 | 140104.02 |
|            |                                | Step G    | 69.3785 | 5550.28   | 12025.61 | 144307.28 |
|            |                                | Step H    | 71.4599 | 5716.79   | 12386.38 | 148636.59 |
|            |                                | Step I    | 73.6036 | 5888.29   | 12757.96 | 153095.49 |
|            |                                | Step J    | 75.8118 | 6064.94   | 13140.71 | 157688.54 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                          |           |         |           |          |           |
|------------|-------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                          | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 2415B      | EMS Quality Assurance Coordinator-B | Step A    | 50.7137 | 4057.10   | 8790.37  | 105484.50 |
|            |                                     | Step B    | 53.6493 | 4291.94   | 9299.21  | 111590.54 |
|            |                                     | Step C    | 55.2588 | 4420.70   | 9578.19  | 114938.30 |
|            |                                     | Step D    | 56.9165 | 4553.32   | 9865.53  | 118386.32 |
|            |                                     | Step E    | 58.6240 | 4689.92   | 10161.49 | 121937.92 |
|            |                                     | Step F    | 60.3827 | 4830.62   | 10466.33 | 125596.02 |
|            |                                     | Step G    | 62.1943 | 4975.54   | 10780.35 | 129364.14 |
|            |                                     | Step H    | 64.0601 | 5124.81   | 11103.75 | 133245.01 |
|            |                                     | Step I    | 65.9819 | 5278.55   | 11436.86 | 137242.35 |
|            |                                     | Step J    | 67.9613 | 5436.90   | 11779.96 | 141359.50 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------|-----------|---------|-----------|----------|-----------|
| 6520B      | ERP Program Manager-B | Step A    | 51.3060 | 4104.48   | 8893.04  | 106716.48 |
|            |                       | Step B    | 54.2756 | 4342.05   | 9407.77  | 112893.25 |
|            |                       | Step C    | 55.9039 | 4472.31   | 9690.01  | 116280.11 |
|            |                       | Step D    | 57.5809 | 4606.47   | 9980.69  | 119768.27 |
|            |                       | Step E    | 59.3084 | 4744.67   | 10280.12 | 123361.47 |
|            |                       | Step F    | 61.0877 | 4887.02   | 10588.53 | 127062.42 |
|            |                       | Step G    | 62.9203 | 5033.62   | 10906.19 | 130874.22 |
|            |                       | Step H    | 64.8079 | 5184.63   | 11233.37 | 134800.43 |
|            |                       | Step I    | 66.7521 | 5340.17   | 11570.36 | 138844.37 |
|            |                       | Step J    | 68.7547 | 5500.38   | 11917.48 | 143009.78 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                       | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|----------------------------------|-----------|---------|-----------|---------|-----------|
| 1674B      | Economic Development Analyst I-B | Step A    | 37.2039 | 2976.31   | 6448.68 | 77384.11  |
|            |                                  | Step B    | 39.3574 | 3148.59   | 6821.95 | 81863.39  |
|            |                                  | Step C    | 40.5382 | 3243.06   | 7026.62 | 84319.46  |
|            |                                  | Step D    | 41.7543 | 3340.34   | 7237.41 | 86848.94  |
|            |                                  | Step E    | 43.0069 | 3440.55   | 7454.53 | 89454.35  |
|            |                                  | Step F    | 44.2971 | 3543.77   | 7678.16 | 92137.97  |
|            |                                  | Step G    | 45.6261 | 3650.09   | 7908.52 | 94902.29  |
|            |                                  | Step H    | 46.9948 | 3759.58   | 8145.77 | 97749.18  |
|            |                                  | Step I    | 48.4047 | 3872.38   | 8390.15 | 100681.78 |
|            |                                  | Step J    | 49.8568 | 3988.54   | 8641.85 | 103702.14 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                        |           |         |           |         |           |
|------------|-----------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                        | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 1675B      | Economic Development Analyst II-B | Step A    | 40.9245 | 3273.96   | 7093.58 | 85122.96  |
|            |                                   | Step B    | 43.2932 | 3463.46   | 7504.15 | 90049.86  |
|            |                                   | Step C    | 44.5920 | 3567.36   | 7729.28 | 92751.36  |
|            |                                   | Step D    | 45.9297 | 3674.38   | 7961.15 | 95533.78  |
|            |                                   | Step E    | 47.3076 | 3784.61   | 8199.98 | 98399.81  |
|            |                                   | Step F    | 48.7269 | 3898.15   | 8446.00 | 101351.95 |
|            |                                   | Step G    | 50.1886 | 4015.09   | 8699.36 | 104392.29 |
|            |                                   | Step H    | 51.6943 | 4135.54   | 8960.35 | 107524.14 |
|            |                                   | Step I    | 53.2452 | 4259.62   | 9229.17 | 110750.02 |
|            |                                   | Step J    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------|-----------|---------|-----------|----------|-----------|
| 1710B      | Economic Development Director-B | Step A    | 74.0306 | 5922.45   | 12831.97 | 153983.65 |
|            |                                 | Step B    | 78.3160 | 6265.28   | 13574.77 | 162897.28 |
|            |                                 | Step C    | 80.6655 | 6453.24   | 13982.02 | 167784.24 |
|            |                                 | Step D    | 83.0855 | 6646.84   | 14401.49 | 172817.84 |
|            |                                 | Step E    | 85.5780 | 6846.24   | 14833.52 | 178002.24 |
|            |                                 | Step F    | 88.1454 | 7051.63   | 15278.54 | 183342.43 |
|            |                                 | Step G    | 90.7897 | 7263.18   | 15736.88 | 188842.58 |
|            |                                 | Step H    | 93.5134 | 7481.07   | 16208.99 | 194507.87 |
|            |                                 | Step I    | 96.3188 | 7705.50   | 16695.26 | 200343.10 |
|            |                                 | Step J    | 99.2084 | 7936.67   | 17196.12 | 206353.47 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                             |           |         |           |          |           |
|------------|----------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                             | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1001B      | Economic Development Project Manager-B | Step A    | 51.3427 | 4107.42   | 8899.40  | 106792.82 |
|            |                                        | Step B    | 54.3146 | 4345.17   | 9414.53  | 112974.37 |
|            |                                        | Step C    | 55.9440 | 4475.52   | 9696.96  | 116363.52 |
|            |                                        | Step D    | 57.6224 | 4609.79   | 9987.88  | 119854.59 |
|            |                                        | Step E    | 59.3510 | 4748.08   | 10287.51 | 123450.08 |
|            |                                        | Step F    | 61.1315 | 4890.52   | 10596.13 | 127153.52 |
|            |                                        | Step G    | 62.9655 | 5037.24   | 10914.02 | 130968.24 |
|            |                                        | Step H    | 64.8544 | 5188.35   | 11241.43 | 134897.15 |
|            |                                        | Step I    | 66.8001 | 5344.01   | 11578.68 | 138944.21 |
|            |                                        | Step J    | 68.8041 | 5504.33   | 11926.04 | 143112.53 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                    | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------|-----------|---------|-----------|----------|-----------|
| 1310B      | Electric Business Analyst I-B | Step A    | 47.5953 | 3807.62   | 8249.85  | 98998.22  |
|            |                               | Step B    | 50.3503 | 4028.02   | 8727.39  | 104728.62 |
|            |                               | Step C    | 51.8608 | 4148.86   | 8989.21  | 107870.46 |
|            |                               | Step D    | 53.4167 | 4273.34   | 9258.89  | 111106.74 |
|            |                               | Step E    | 55.0192 | 4401.54   | 9536.66  | 114439.94 |
|            |                               | Step F    | 56.6698 | 4533.58   | 9822.77  | 117873.18 |
|            |                               | Step G    | 58.3698 | 4669.58   | 10117.43 | 121409.18 |
|            |                               | Step H    | 60.1209 | 4809.67   | 10420.96 | 125051.47 |
|            |                               | Step I    | 61.9245 | 4953.96   | 10733.58 | 128802.96 |
|            |                               | Step J    | 63.7823 | 5102.58   | 11055.60 | 132667.18 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                     | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------|-----------|---------|-----------|----------|-----------|
| 1312B      | Electric Business Analyst II-B | Step A    | 52.3545 | 4188.36   | 9074.78  | 108897.36 |
|            |                                | Step B    | 55.3849 | 4430.79   | 9600.05  | 115200.59 |
|            |                                | Step C    | 57.0465 | 4563.72   | 9888.06  | 118656.72 |
|            |                                | Step D    | 58.7579 | 4700.63   | 10184.70 | 122216.43 |
|            |                                | Step E    | 60.5206 | 4841.65   | 10490.24 | 125882.85 |
|            |                                | Step F    | 62.3363 | 4986.90   | 10804.96 | 129659.50 |
|            |                                | Step G    | 64.2063 | 5136.50   | 11129.09 | 133549.10 |
|            |                                | Step H    | 66.1325 | 5290.60   | 11462.97 | 137555.60 |
|            |                                | Step I    | 68.1165 | 5449.32   | 11806.86 | 141682.32 |
|            |                                | Step J    | 70.1600 | 5612.80   | 12161.07 | 145932.80 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------|-----------|---------|-----------|----------|-----------|
| 1066B      | Electric Compliance Analyst I-B | Step A    | 47.5950 | 3807.60   | 8249.80  | 98997.60  |
|            |                                 | Step B    | 50.3500 | 4028.00   | 8727.33  | 104728.00 |
|            |                                 | Step C    | 51.8605 | 4148.84   | 8989.15  | 107869.84 |
|            |                                 | Step D    | 53.4163 | 4273.30   | 9258.83  | 111105.90 |
|            |                                 | Step E    | 55.0188 | 4401.50   | 9536.59  | 114439.10 |
|            |                                 | Step F    | 56.6694 | 4533.55   | 9822.70  | 117872.35 |
|            |                                 | Step G    | 58.3694 | 4669.55   | 10117.36 | 121408.35 |
|            |                                 | Step H    | 60.1206 | 4809.65   | 10420.90 | 125050.85 |
|            |                                 | Step I    | 61.9242 | 4953.94   | 10733.53 | 128802.34 |
|            |                                 | Step J    | 63.7819 | 5102.55   | 11055.53 | 132666.35 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------|-----------|---------|-----------|----------|-----------|
| 2335B      | Electric Compliance Analyst II-B | Step A    | 52.3553 | 4188.42   | 9074.92  | 108899.02 |
|            |                                  | Step B    | 55.3859 | 4430.87   | 9600.22  | 115202.67 |
|            |                                  | Step C    | 57.0474 | 4563.79   | 9888.22  | 118658.59 |
|            |                                  | Step D    | 58.7589 | 4700.71   | 10184.88 | 122218.51 |
|            |                                  | Step E    | 60.5216 | 4841.73   | 10490.41 | 125884.93 |
|            |                                  | Step F    | 62.3373 | 4986.98   | 10805.13 | 129661.58 |
|            |                                  | Step G    | 64.2074 | 5136.59   | 11129.28 | 133551.39 |
|            |                                  | Step H    | 66.1336 | 5290.69   | 11463.16 | 137557.89 |
|            |                                  | Step I    | 68.1176 | 5449.41   | 11807.05 | 141684.61 |
|            |                                  | Step J    | 70.1612 | 5612.90   | 12161.27 | 145935.30 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                 | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------------------|-----------|---------|-----------|----------|-----------|
| 6285B      | Electric Customer Programs<br>Supervisor-B | Step A    | 66.2291 | 5298.33   | 11479.71 | 137756.53 |
|            |                                            | Step B    | 70.0627 | 5605.02   | 12144.20 | 145730.42 |
|            |                                            | Step C    | 72.1647 | 5773.18   | 12508.55 | 150102.58 |
|            |                                            | Step D    | 74.3296 | 5946.37   | 12883.80 | 154605.57 |
|            |                                            | Step E    | 76.5595 | 6124.76   | 13270.31 | 159243.76 |
|            |                                            | Step F    | 78.8563 | 6308.50   | 13668.43 | 164021.10 |
|            |                                            | Step G    | 81.2220 | 6497.76   | 14078.48 | 168941.76 |
|            |                                            | Step H    | 83.6586 | 6692.69   | 14500.82 | 174009.89 |
|            |                                            | Step I    | 86.1683 | 6893.46   | 14935.84 | 179230.06 |
|            |                                            | Step J    | 88.7534 | 7100.27   | 15383.92 | 184607.07 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1117B      | Electric Economic and Development Partnership Manager-B | Step A    | 72.8521 | 5828.17   | 12627.70 | 151532.37 |
|            |                                                         | Step B    | 77.0690 | 6165.52   | 13358.63 | 160303.52 |
|            |                                                         | Step C    | 79.3811 | 6350.49   | 13759.39 | 165112.69 |
|            |                                                         | Step D    | 81.7625 | 6541.00   | 14172.17 | 170066.00 |
|            |                                                         | Step E    | 84.2154 | 6737.23   | 14597.34 | 175168.03 |
|            |                                                         | Step F    | 86.7419 | 6939.35   | 15035.26 | 180423.15 |
|            |                                                         | Step G    | 89.3441 | 7147.53   | 15486.31 | 185835.73 |
|            |                                                         | Step H    | 92.0245 | 7361.96   | 15950.91 | 191410.96 |
|            |                                                         | Step I    | 94.7852 | 7582.82   | 16429.43 | 197153.22 |
|            |                                                         | Step J    | 97.6287 | 7810.30   | 16922.31 | 203067.70 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                   | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------------------|-----------|---------|-----------|----------|-----------|
| 2284B      | Electric Engineering Technician Supervisor-B | Step A    | 58.8774 | 4710.19   | 10205.42 | 122464.99 |
|            |                                              | Step B    | 62.2853 | 4982.82   | 10796.12 | 129553.42 |
|            |                                              | Step C    | 64.1539 | 5132.31   | 11120.01 | 133440.11 |
|            |                                              | Step D    | 66.0785 | 5286.28   | 11453.61 | 137443.28 |
|            |                                              | Step E    | 68.0609 | 5444.87   | 11797.22 | 141566.67 |
|            |                                              | Step F    | 70.1026 | 5608.21   | 12151.12 | 145813.41 |
|            |                                              | Step G    | 72.2058 | 5776.46   | 12515.67 | 150188.06 |
|            |                                              | Step H    | 74.3720 | 5949.76   | 12891.15 | 154693.76 |
|            |                                              | Step I    | 76.6031 | 6128.25   | 13277.87 | 159334.45 |
|            |                                              | Step J    | 78.9012 | 6312.10   | 13676.21 | 164114.50 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                    | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------|-----------|----------|-----------|----------|-----------|
| 2338B      | Electric Operations Manager-B | Step A    | 88.8925  | 7111.40   | 15408.03 | 184896.40 |
|            |                               | Step B    | 94.0380  | 7523.04   | 16299.92 | 195599.04 |
|            |                               | Step C    | 96.8591  | 7748.73   | 16788.91 | 201466.93 |
|            |                               | Step D    | 99.7649  | 7981.19   | 17292.58 | 207510.99 |
|            |                               | Step E    | 102.7578 | 8220.62   | 17811.35 | 213736.22 |
|            |                               | Step F    | 105.8405 | 8467.24   | 18345.69 | 220148.24 |
|            |                               | Step G    | 109.0157 | 8721.26   | 18896.05 | 226752.66 |
|            |                               | Step H    | 112.2862 | 8982.90   | 19462.94 | 233555.30 |
|            |                               | Step I    | 115.6548 | 9252.38   | 20046.83 | 240561.98 |
|            |                               | Step J    | 119.1244 | 9529.95   | 20648.23 | 247778.75 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                       | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------|-----------|----------|-----------|----------|-----------|
| 2339B      | Electric Operations Supervisor-B | Step A    | 80.8150  | 6465.20   | 14007.93 | 168095.20 |
|            |                                  | Step B    | 85.4929  | 6839.43   | 14818.77 | 177825.23 |
|            |                                  | Step C    | 88.0576  | 7044.61   | 15263.32 | 183159.81 |
|            |                                  | Step D    | 90.6994  | 7255.95   | 15721.23 | 188654.75 |
|            |                                  | Step E    | 93.4204  | 7473.63   | 16192.87 | 194314.43 |
|            |                                  | Step F    | 96.2230  | 7697.84   | 16678.65 | 200143.84 |
|            |                                  | Step G    | 99.1097  | 7928.78   | 17179.01 | 206148.18 |
|            |                                  | Step H    | 102.0830 | 8166.64   | 17694.39 | 212332.64 |
|            |                                  | Step I    | 105.1455 | 8411.64   | 18225.22 | 218702.64 |
|            |                                  | Step J    | 108.2998 | 8663.98   | 18771.97 | 225263.58 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                     | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------|-----------|---------|-----------|----------|-----------|
| 2314B      | Electric Resources Planner I-B | Step A    | 54.9699 | 4397.59   | 9528.12  | 114337.39 |
|            |                                | Step B    | 58.1518 | 4652.14   | 10079.65 | 120955.74 |
|            |                                | Step C    | 59.8964 | 4791.71   | 10382.04 | 124584.51 |
|            |                                | Step D    | 61.6932 | 4935.46   | 10693.49 | 128321.86 |
|            |                                | Step E    | 63.5441 | 5083.53   | 11014.31 | 132171.73 |
|            |                                | Step F    | 65.4504 | 5236.03   | 11344.74 | 136136.83 |
|            |                                | Step G    | 67.4139 | 5393.11   | 11685.08 | 140220.91 |
|            |                                | Step H    | 69.4364 | 5554.91   | 12035.64 | 144427.71 |
|            |                                | Step I    | 71.5194 | 5721.55   | 12396.70 | 148760.35 |
|            |                                | Step J    | 73.6650 | 5893.20   | 12768.60 | 153223.20 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------|-----------|---------|-----------|----------|-----------|
| 2316B      | Electric Resources Planner II-B | Step A    | 60.4668 | 4837.34   | 10480.91 | 125770.94 |
|            |                                 | Step B    | 63.9670 | 5117.36   | 11087.61 | 133051.36 |
|            |                                 | Step C    | 65.8860 | 5270.88   | 11420.24 | 137042.88 |
|            |                                 | Step D    | 67.8626 | 5429.01   | 11762.85 | 141154.21 |
|            |                                 | Step E    | 69.8985 | 5591.88   | 12115.74 | 145388.88 |
|            |                                 | Step F    | 71.9954 | 5759.63   | 12479.20 | 149750.43 |
|            |                                 | Step G    | 74.1553 | 5932.42   | 12853.59 | 154243.02 |
|            |                                 | Step H    | 76.3800 | 6110.40   | 13239.20 | 158870.40 |
|            |                                 | Step I    | 78.6713 | 6293.70   | 13636.36 | 163636.30 |
|            |                                 | Step J    | 81.0315 | 6482.52   | 14045.46 | 168545.52 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT<br>Grade Code | Management<br>Grade Name                     | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|----------------------------------------------|-----------|---------|-----------|----------|-----------|
| 2216B              | Electric Risk and Compliance<br>Supervisor-B | Step A    | 66.2254 | 5298.03   | 11479.07 | 137748.83 |
|                    |                                              | Step B    | 70.0588 | 5604.70   | 12143.53 | 145722.30 |
|                    |                                              | Step C    | 72.1605 | 5772.84   | 12507.82 | 150093.84 |
|                    |                                              | Step D    | 74.3253 | 5946.02   | 12883.05 | 154596.62 |
|                    |                                              | Step E    | 76.5551 | 6124.41   | 13269.55 | 159234.61 |
|                    |                                              | Step F    | 78.8518 | 6308.14   | 13667.65 | 164011.74 |
|                    |                                              | Step G    | 81.2173 | 6497.38   | 14077.67 | 168931.98 |
|                    |                                              | Step H    | 83.6538 | 6692.30   | 14499.99 | 173999.90 |
|                    |                                              | Step I    | 86.1634 | 6893.07   | 14934.99 | 179219.87 |
|                    |                                              | Step J    | 88.7483 | 7099.86   | 15383.04 | 184596.46 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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MGMT Management

| Grade Code | Grade Name                    | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|-------------------------------|-----------|---------|-----------|---------|-----------|
| 2352B      | Electric Safety Coordinator-B | Step A    | 40.9244 | 3273.95   | 7093.56 | 85122.75  |
|            |                               | Step B    | 43.2932 | 3463.46   | 7504.15 | 90049.86  |
|            |                               | Step C    | 44.5920 | 3567.36   | 7729.28 | 92751.36  |
|            |                               | Step D    | 45.9297 | 3674.38   | 7961.15 | 95533.78  |
|            |                               | Step E    | 47.3076 | 3784.61   | 8199.98 | 98399.81  |
|            |                               | Step F    | 48.7269 | 3898.15   | 8446.00 | 101351.95 |
|            |                               | Step G    | 50.1886 | 4015.09   | 8699.36 | 104392.29 |
|            |                               | Step H    | 51.6943 | 4135.54   | 8960.35 | 107524.14 |
|            |                               | Step I    | 53.2452 | 4259.62   | 9229.17 | 110750.02 |
|            |                               | Step J    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                       |           |          |           |          |           |
|------------|----------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                       | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 2319B      | Electric Substation Supervisor-B | Step A    | 80.8150  | 6465.20   | 14007.93 | 168095.20 |
|            |                                  | Step B    | 85.4929  | 6839.43   | 14818.77 | 177825.23 |
|            |                                  | Step C    | 88.0576  | 7044.61   | 15263.32 | 183159.81 |
|            |                                  | Step D    | 90.6994  | 7255.95   | 15721.23 | 188654.75 |
|            |                                  | Step E    | 93.4204  | 7473.63   | 16192.87 | 194314.43 |
|            |                                  | Step F    | 96.2230  | 7697.84   | 16678.65 | 200143.84 |
|            |                                  | Step G    | 99.1097  | 7928.78   | 17179.01 | 206148.18 |
|            |                                  | Step H    | 102.0830 | 8166.64   | 17694.39 | 212332.64 |
|            |                                  | Step I    | 105.1455 | 8411.64   | 18225.22 | 218702.64 |
|            |                                  | Step J    | 108.2998 | 8663.98   | 18771.97 | 225263.58 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                                     |           |         |           |          |           |
|------------|------------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                     | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 9560B      | Electric Technology Systems<br>Administrator-B | Step A    | 66.2292 | 5298.34   | 11479.73 | 137756.74 |
|            |                                                | Step B    | 70.0627 | 5605.02   | 12144.20 | 145730.42 |
|            |                                                | Step C    | 72.1647 | 5773.18   | 12508.55 | 150102.58 |
|            |                                                | Step D    | 74.3296 | 5946.37   | 12883.80 | 154605.57 |
|            |                                                | Step E    | 76.5595 | 6124.76   | 13270.31 | 159243.76 |
|            |                                                | Step F    | 78.8563 | 6308.50   | 13668.43 | 164021.10 |
|            |                                                | Step G    | 81.2220 | 6497.76   | 14078.48 | 168941.76 |
|            |                                                | Step H    | 83.6586 | 6692.69   | 14500.82 | 174009.89 |
|            |                                                | Step I    | 86.1683 | 6893.46   | 14935.84 | 179230.06 |
|            |                                                | Step J    | 88.7534 | 7100.27   | 15383.92 | 184607.07 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                 | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------------------|-----------|----------|-----------|----------|-----------|
| 1116B      | Electric Utility Chief Operating Officer-B | Step A    | 112.4492 | 8995.94   | 19491.19 | 233894.34 |
|            |                                            | Step B    | 118.9582 | 9516.66   | 20619.42 | 247433.06 |
|            |                                            | Step C    | 122.5270 | 9802.16   | 21238.01 | 254856.16 |
|            |                                            | Step D    | 126.2028 | 10096.22  | 21875.15 | 262501.82 |
|            |                                            | Step E    | 129.9889 | 10399.11  | 22531.41 | 270376.91 |
|            |                                            | Step F    | 133.8885 | 10711.08  | 23207.34 | 278488.08 |
|            |                                            | Step G    | 137.9052 | 11032.42  | 23903.57 | 286842.82 |
|            |                                            | Step H    | 142.0424 | 11363.39  | 24620.68 | 295448.19 |
|            |                                            | Step I    | 146.3036 | 11704.29  | 25359.29 | 304311.49 |
|            |                                            | Step J    | 150.6927 | 12055.42  | 26120.07 | 313440.82 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                  | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------|-----------|----------|-----------|----------|-----------|
| 2320B      | Electric Utility Director-B | Step A    | 127.7846 | 10222.77  | 22149.33 | 265791.97 |
|            |                             | Step B    | 135.1814 | 10814.51  | 23431.44 | 281177.31 |
|            |                             | Step C    | 139.2369 | 11138.95  | 24134.40 | 289612.75 |
|            |                             | Step D    | 143.4140 | 11473.12  | 24858.43 | 298301.12 |
|            |                             | Step E    | 147.7163 | 11817.30  | 25604.16 | 307249.90 |
|            |                             | Step F    | 152.1479 | 12171.83  | 26372.30 | 316467.63 |
|            |                             | Step G    | 156.7122 | 12536.98  | 27163.45 | 325961.38 |
|            |                             | Step H    | 161.4136 | 12913.09  | 27978.36 | 335740.29 |
|            |                             | Step I    | 166.2560 | 13300.48  | 28817.71 | 345812.48 |
|            |                             | Step J    | 171.2437 | 13699.50  | 29682.24 | 356186.90 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                                 |           |         |           |          |           |
|------------|--------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                 | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 2215B      | Electric Utility Financial Administrator-B | Step A    | 66.2287 | 5298.30   | 11479.64 | 137755.70 |
|            |                                            | Step B    | 70.0623 | 5604.98   | 12144.13 | 145729.58 |
|            |                                            | Step C    | 72.1643 | 5773.14   | 12508.48 | 150101.74 |
|            |                                            | Step D    | 74.3291 | 5946.33   | 12883.71 | 154604.53 |
|            |                                            | Step E    | 76.5591 | 6124.73   | 13270.24 | 159242.93 |
|            |                                            | Step F    | 78.8558 | 6308.46   | 13668.34 | 164020.06 |
|            |                                            | Step G    | 81.2215 | 6497.72   | 14078.39 | 168940.72 |
|            |                                            | Step H    | 83.6581 | 6692.65   | 14500.74 | 174008.85 |
|            |                                            | Step I    | 86.1678 | 6893.42   | 14935.75 | 179229.02 |
|            |                                            | Step J    | 88.7529 | 7100.23   | 15383.84 | 184606.03 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                           |           |         |           |          |           |
|------------|--------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 2378B      | Electronic Maintenance Coordinator-B | Step A    | 43.4760 | 3478.08   | 7535.84  | 90430.08  |
|            |                                      | Step B    | 45.9916 | 3679.33   | 7971.88  | 95662.53  |
|            |                                      | Step C    | 47.3714 | 3789.71   | 8211.04  | 98532.51  |
|            |                                      | Step D    | 48.7925 | 3903.40   | 8457.37  | 101488.40 |
|            |                                      | Step E    | 50.2562 | 4020.50   | 8711.07  | 104532.90 |
|            |                                      | Step F    | 51.7639 | 4141.11   | 8972.41  | 107668.91 |
|            |                                      | Step G    | 53.3169 | 4265.35   | 9241.60  | 110899.15 |
|            |                                      | Step H    | 54.9164 | 4393.31   | 9518.84  | 114226.11 |
|            |                                      | Step I    | 56.5639 | 4525.11   | 9804.41  | 117652.91 |
|            |                                      | Step J    | 58.2618 | 4660.94   | 10098.71 | 121184.54 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                 | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------------------|-----------|---------|-----------|----------|-----------|
| 2500B      | Energy Services Account Representative I-B | Step A    | 46.8489 | 3747.91   | 8120.48  | 97445.71  |
|            |                                            | Step B    | 49.5607 | 3964.86   | 8590.52  | 103086.26 |
|            |                                            | Step C    | 51.0475 | 4083.80   | 8848.23  | 106178.80 |
|            |                                            | Step D    | 52.5789 | 4206.31   | 9113.68  | 109364.11 |
|            |                                            | Step E    | 54.1563 | 4332.50   | 9387.09  | 112645.10 |
|            |                                            | Step F    | 55.7810 | 4462.48   | 9668.71  | 116024.48 |
|            |                                            | Step G    | 57.4544 | 4596.35   | 9958.76  | 119505.15 |
|            |                                            | Step H    | 59.1781 | 4734.25   | 10257.54 | 123090.45 |
|            |                                            | Step I    | 60.9534 | 4876.27   | 10565.26 | 126783.07 |
|            |                                            | Step J    | 62.7820 | 5022.56   | 10882.21 | 130586.56 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------------------|-----------|---------|-----------|----------|-----------|
| 2501B      | Energy Services Account Representative II-B | Step A    | 51.5339 | 4122.71   | 8932.54  | 107190.51 |
|            |                                             | Step B    | 54.5169 | 4361.35   | 9449.60  | 113395.15 |
|            |                                             | Step C    | 56.1524 | 4492.19   | 9733.08  | 116796.99 |
|            |                                             | Step D    | 57.8370 | 4626.96   | 10025.08 | 120300.96 |
|            |                                             | Step E    | 59.5721 | 4765.77   | 10325.83 | 123909.97 |
|            |                                             | Step F    | 61.3593 | 4908.74   | 10635.61 | 127627.34 |
|            |                                             | Step G    | 63.2000 | 5056.00   | 10954.67 | 131456.00 |
|            |                                             | Step H    | 65.0961 | 5207.69   | 11283.32 | 135399.89 |
|            |                                             | Step I    | 67.0489 | 5363.91   | 11621.81 | 139461.71 |
|            |                                             | Step J    | 69.0604 | 5524.83   | 11970.47 | 143645.63 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------|-----------|---------|-----------|----------|-----------|
| 1277B      | Engineering Manager-B | Step A    | 64.5449 | 5163.59   | 11187.78 | 134253.39 |
|            |                       | Step B    | 68.2806 | 5462.45   | 11835.30 | 142023.65 |
|            |                       | Step C    | 70.3291 | 5626.33   | 12190.38 | 146284.53 |
|            |                       | Step D    | 72.4390 | 5795.12   | 12556.09 | 150673.12 |
|            |                       | Step E    | 74.6122 | 5968.98   | 12932.78 | 155193.38 |
|            |                       | Step F    | 76.8506 | 6148.05   | 13320.77 | 159849.25 |
|            |                       | Step G    | 79.1560 | 6332.48   | 13720.37 | 164644.48 |
|            |                       | Step H    | 81.5308 | 6522.46   | 14132.01 | 169584.06 |
|            |                       | Step I    | 83.9766 | 6718.13   | 14555.94 | 174671.33 |
|            |                       | Step J    | 86.4959 | 6919.67   | 14992.62 | 179911.47 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------|-----------|---------|-----------|----------|-----------|
| 2540B      | Environmental Coordinator-B | Step A    | 47.0632 | 3765.06   | 8157.62  | 97891.46  |
|            |                             | Step B    | 49.7874 | 3982.99   | 8629.82  | 103557.79 |
|            |                             | Step C    | 51.2811 | 4102.49   | 8888.72  | 106664.69 |
|            |                             | Step D    | 52.8195 | 4225.56   | 9155.38  | 109864.56 |
|            |                             | Step E    | 54.4041 | 4352.33   | 9430.04  | 113160.53 |
|            |                             | Step F    | 56.0362 | 4482.90   | 9712.94  | 116555.30 |
|            |                             | Step G    | 57.7172 | 4617.38   | 10004.31 | 120051.78 |
|            |                             | Step H    | 59.4488 | 4755.90   | 10304.46 | 123653.50 |
|            |                             | Step I    | 61.2322 | 4898.58   | 10613.58 | 127362.98 |
|            |                             | Step J    | 63.0692 | 5045.54   | 10931.99 | 131183.94 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                   | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|----------------------------------------------|-----------|---------|-----------|---------|-----------|
| 2546B      | Environmental Utilities Business Analyst I-B | Step A    | 39.0623 | 3124.98   | 6770.80 | 81249.58  |
|            |                                              | Step B    | 41.3233 | 3305.86   | 7162.71 | 85952.46  |
|            |                                              | Step C    | 42.5630 | 3405.04   | 7377.59 | 88531.04  |
|            |                                              | Step D    | 43.8399 | 3507.19   | 7598.92 | 91186.99  |
|            |                                              | Step E    | 45.1551 | 3612.41   | 7826.88 | 93922.61  |
|            |                                              | Step F    | 46.5098 | 3720.78   | 8061.70 | 96740.38  |
|            |                                              | Step G    | 47.9051 | 3832.41   | 8303.55 | 99642.61  |
|            |                                              | Step H    | 49.3423 | 3947.38   | 8552.67 | 102631.98 |
|            |                                              | Step I    | 50.8225 | 4065.80   | 8809.23 | 105710.80 |
|            |                                              | Step J    | 52.3472 | 4187.78   | 9073.51 | 108882.18 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                                    |           |         |           |         |           |
|------------|-----------------------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                                    | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 2547B      | Environmental Utilities Business Analyst II-B | Step A    | 42.9694 | 3437.55   | 7448.03 | 89376.35  |
|            |                                               | Step B    | 45.4568 | 3636.54   | 7879.18 | 94550.14  |
|            |                                               | Step C    | 46.8204 | 3745.63   | 8115.54 | 97386.43  |
|            |                                               | Step D    | 48.2250 | 3858.00   | 8359.00 | 100308.00 |
|            |                                               | Step E    | 49.6718 | 3973.74   | 8609.78 | 103317.34 |
|            |                                               | Step F    | 51.1620 | 4092.96   | 8868.08 | 106416.96 |
|            |                                               | Step G    | 52.6968 | 4215.74   | 9134.11 | 109609.34 |
|            |                                               | Step H    | 54.2777 | 4342.22   | 9408.13 | 112897.62 |
|            |                                               | Step I    | 55.9060 | 4472.48   | 9690.37 | 116284.48 |
|            |                                               | Step J    | 57.5832 | 4606.66   | 9981.09 | 119773.06 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                             | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1122B      | Environmental Utilities Business<br>Services Manager-B | Step A    | 57.8472 | 4627.78   | 10026.85 | 120322.18 |
|            |                                                        | Step B    | 61.1956 | 4895.65   | 10607.24 | 127286.85 |
|            |                                                        | Step C    | 63.0315 | 5042.52   | 10925.46 | 131105.52 |
|            |                                                        | Step D    | 64.9224 | 5193.79   | 11253.22 | 135038.59 |
|            |                                                        | Step E    | 66.8701 | 5349.61   | 11590.82 | 139089.81 |
|            |                                                        | Step F    | 68.8762 | 5510.10   | 11938.54 | 143262.50 |
|            |                                                        | Step G    | 70.9426 | 5675.41   | 12296.72 | 147560.61 |
|            |                                                        | Step H    | 73.0708 | 5845.66   | 12665.61 | 151987.26 |
|            |                                                        | Step I    | 75.2630 | 6021.04   | 13045.59 | 156547.04 |
|            |                                                        | Step J    | 77.5208 | 6201.66   | 13436.94 | 161243.26 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                         |           |          |           |          |           |
|------------|------------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                         | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 1684B      | Environmental Utilities Director-B | Step A    | 92.7804  | 7422.43   | 16081.94 | 192983.23 |
|            |                                    | Step B    | 98.1508  | 7852.06   | 17012.81 | 204153.66 |
|            |                                    | Step C    | 101.0954 | 8087.63   | 17523.20 | 210278.43 |
|            |                                    | Step D    | 104.1282 | 8330.26   | 18048.89 | 216586.66 |
|            |                                    | Step E    | 107.2520 | 8580.16   | 18590.35 | 223084.16 |
|            |                                    | Step F    | 110.4696 | 8837.57   | 19148.06 | 229776.77 |
|            |                                    | Step G    | 113.7837 | 9102.70   | 19722.51 | 236670.10 |
|            |                                    | Step H    | 117.1972 | 9375.78   | 20314.18 | 243770.18 |
|            |                                    | Step I    | 120.7132 | 9657.06   | 20923.62 | 251083.46 |
|            |                                    | Step J    | 124.3345 | 9946.76   | 21551.31 | 258615.76 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1024B      | Environmental Utilities Maintenance Superintendent-B | Step A    | 54.9951 | 4399.61   | 9532.48  | 114389.81 |
|            |                                                      | Step B    | 58.1790 | 4654.32   | 10084.36 | 121012.32 |
|            |                                                      | Step C    | 59.9244 | 4793.95   | 10386.90 | 124642.75 |
|            |                                                      | Step D    | 61.7221 | 4937.77   | 10698.50 | 128381.97 |
|            |                                                      | Step E    | 63.5738 | 5085.90   | 11019.46 | 132233.50 |
|            |                                                      | Step F    | 65.4810 | 5238.48   | 11350.04 | 136200.48 |
|            |                                                      | Step G    | 67.4455 | 5395.64   | 11690.55 | 140286.64 |
|            |                                                      | Step H    | 69.4688 | 5557.50   | 12041.26 | 144495.10 |
|            |                                                      | Step I    | 71.5529 | 5724.23   | 12402.50 | 148830.03 |
|            |                                                      | Step J    | 73.6995 | 5895.96   | 12774.58 | 153294.96 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                                       |           |         |           |          |           |
|------------|--------------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 2541B      | Environmental Utility Compliance Administrator-B | Step A    | 48.2377 | 3859.02   | 8361.20  | 100334.42 |
|            |                                                  | Step B    | 51.0296 | 4082.37   | 8845.13  | 106141.57 |
|            |                                                  | Step C    | 52.5605 | 4204.84   | 9110.49  | 109325.84 |
|            |                                                  | Step D    | 54.1374 | 4330.99   | 9383.82  | 112605.79 |
|            |                                                  | Step E    | 55.7615 | 4460.92   | 9665.33  | 115983.92 |
|            |                                                  | Step F    | 57.4343 | 4594.74   | 9955.28  | 119463.34 |
|            |                                                  | Step G    | 59.1573 | 4732.58   | 10253.93 | 123047.18 |
|            |                                                  | Step H    | 60.9321 | 4874.57   | 10561.56 | 126738.77 |
|            |                                                  | Step I    | 62.7600 | 5020.80   | 10878.40 | 130540.80 |
|            |                                                  | Step J    | 64.6428 | 5171.42   | 11204.75 | 134457.02 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------|-----------|---------|-----------|----------|-----------|
| 3395B      | Facilities Manager-B | Step A    | 52.8428 | 4227.42   | 9159.42  | 109913.02 |
|            |                      | Step B    | 55.9016 | 4472.13   | 9689.61  | 116275.33 |
|            |                      | Step C    | 57.5787 | 4606.30   | 9980.31  | 119763.70 |
|            |                      | Step D    | 59.3060 | 4744.48   | 10279.71 | 123356.48 |
|            |                      | Step E    | 61.0852 | 4886.82   | 10588.10 | 127057.22 |
|            |                      | Step F    | 62.9178 | 5033.42   | 10905.75 | 130869.02 |
|            |                      | Step G    | 64.8053 | 5184.42   | 11232.92 | 134795.02 |
|            |                      | Step H    | 66.7495 | 5339.96   | 11569.91 | 138838.96 |
|            |                      | Step I    | 68.7519 | 5500.15   | 11917.00 | 143003.95 |
|            |                      | Step J    | 70.8145 | 5665.16   | 12274.51 | 147294.16 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name              | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|-------------------------|-----------|---------|-----------|---------|-----------|
| 4321B      | Facilities Supervisor-B | Step A    | 39.4813 | 3158.50   | 6843.43 | 82121.10  |
|            |                         | Step B    | 41.7666 | 3341.33   | 7239.54 | 86874.53  |
|            |                         | Step C    | 43.0196 | 3441.57   | 7456.73 | 89480.77  |
|            |                         | Step D    | 44.3102 | 3544.82   | 7680.43 | 92165.22  |
|            |                         | Step E    | 45.6395 | 3651.16   | 7910.85 | 94930.16  |
|            |                         | Step F    | 47.0088 | 3760.70   | 8148.19 | 97778.30  |
|            |                         | Step G    | 48.4189 | 3873.51   | 8392.61 | 100711.31 |
|            |                         | Step H    | 49.8715 | 3989.72   | 8644.39 | 103732.72 |
|            |                         | Step I    | 51.3676 | 4109.41   | 8903.72 | 106844.61 |
|            |                         | Step J    | 52.9087 | 4232.70   | 9170.84 | 110050.10 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name        | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------|-----------|---------|-----------|----------|-----------|
| 2900B      | Finance Manager-B | Step A    | 57.8472 | 4627.78   | 10026.85 | 120322.18 |
|            |                   | Step B    | 61.1956 | 4895.65   | 10607.24 | 127286.85 |
|            |                   | Step C    | 63.0315 | 5042.52   | 10925.46 | 131105.52 |
|            |                   | Step D    | 64.9224 | 5193.79   | 11253.22 | 135038.59 |
|            |                   | Step E    | 66.8701 | 5349.61   | 11590.82 | 139089.81 |
|            |                   | Step F    | 68.8762 | 5510.10   | 11938.54 | 143262.50 |
|            |                   | Step G    | 70.9426 | 5675.41   | 12296.72 | 147560.61 |
|            |                   | Step H    | 73.0708 | 5845.66   | 12665.61 | 151987.26 |
|            |                   | Step I    | 75.2630 | 6021.04   | 13045.59 | 156547.04 |
|            |                   | Step J    | 77.5208 | 6201.66   | 13436.94 | 161243.26 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------|-----------|---------|-----------|----------|-----------|
| 0905ZB     | Fire Battalion Chief 8Hr-ZB | Step A    | 57.3325 | 4586.60   | 9937.63  | 119251.60 |
|            |                             | Step B    | 60.6472 | 4851.78   | 10512.18 | 126146.18 |
|            |                             | Step C    | 62.4666 | 4997.33   | 10827.54 | 129930.53 |
|            |                             | Step D    | 64.3406 | 5147.25   | 11152.37 | 133828.45 |
|            |                             | Step E    | 66.2708 | 5301.66   | 11486.94 | 137843.26 |
|            |                             | Step F    | 68.2589 | 5460.71   | 11831.54 | 141978.51 |
|            |                             | Step G    | 70.3067 | 5624.54   | 12186.49 | 146237.94 |
|            |                             | Step H    | 72.4159 | 5793.27   | 12552.09 | 150625.07 |
|            |                             | Step I    | 74.5883 | 5967.06   | 12928.64 | 155143.66 |
|            |                             | Step J    | 76.8308 | 6146.46   | 13317.34 | 159808.06 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name             | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------|-----------|---------|-----------|----------|-----------|
| 0905B      | Fire Battalion Chief-B | Step A    | 40.9517 | 4586.59   | 9937.61  | 119251.35 |
|            |                        | Step B    | 43.3194 | 4851.77   | 10512.17 | 126146.09 |
|            |                        | Step C    | 44.6191 | 4997.34   | 10827.57 | 129930.82 |
|            |                        | Step D    | 45.9576 | 5147.25   | 11152.38 | 133828.53 |
|            |                        | Step E    | 47.3364 | 5301.68   | 11486.97 | 137843.60 |
|            |                        | Step F    | 48.7565 | 5460.73   | 11831.58 | 141978.93 |
|            |                        | Step G    | 50.2191 | 5624.54   | 12186.50 | 146238.02 |
|            |                        | Step H    | 51.7257 | 5793.28   | 12552.10 | 150625.24 |
|            |                        | Step I    | 53.2774 | 5967.07   | 12928.65 | 155143.79 |
|            |                        | Step J    | 54.8793 | 6146.48   | 13317.38 | 159808.52 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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MGMT Management

Grade Code Grade Name

| Grade Code | Grade Name   | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|--------------|-----------|----------|-----------|----------|-----------|
| 3330B      | Fire Chief-B | Step A    | 84.6369  | 6770.95   | 14670.40 | 176044.75 |
|            |              | Step B    | 89.5358  | 7162.86   | 15519.54 | 186234.46 |
|            |              | Step C    | 92.2220  | 7377.76   | 15985.15 | 191821.76 |
|            |              | Step D    | 94.9886  | 7599.09   | 16464.69 | 197576.29 |
|            |              | Step E    | 97.8383  | 7827.06   | 16958.64 | 203503.66 |
|            |              | Step F    | 100.7734 | 8061.87   | 17467.39 | 209608.67 |
|            |              | Step G    | 103.7966 | 8303.73   | 17991.41 | 215896.93 |
|            |              | Step H    | 106.9105 | 8552.84   | 18531.15 | 222373.84 |
|            |              | Step I    | 110.1178 | 8809.42   | 19087.09 | 229045.02 |
|            |              | Step J    | 113.4214 | 9073.71   | 19659.71 | 235916.51 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------|-----------|---------|-----------|----------|-----------|
| 3332B      | Fire Division Chief-B | Step A    | 63.0620 | 5044.96   | 10930.75 | 131168.96 |
|            |                       | Step B    | 66.7122 | 5336.98   | 11563.45 | 138761.38 |
|            |                       | Step C    | 68.7136 | 5497.09   | 11910.36 | 142924.29 |
|            |                       | Step D    | 70.7750 | 5662.00   | 12267.67 | 147212.00 |
|            |                       | Step E    | 72.8982 | 5831.86   | 12635.69 | 151628.26 |
|            |                       | Step F    | 75.0852 | 6006.82   | 13014.77 | 156177.22 |
|            |                       | Step G    | 77.3378 | 6187.02   | 13405.22 | 160862.62 |
|            |                       | Step H    | 79.6579 | 6372.63   | 13807.37 | 165688.43 |
|            |                       | Step I    | 82.0476 | 6563.81   | 14221.58 | 170659.01 |
|            |                       | Step J    | 84.5091 | 6760.73   | 14648.24 | 175778.93 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                 | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------|-----------|---------|-----------|----------|-----------|
| 3332ZB     | Fire Divison Chief 24Hr-ZB | Step A    | 45.0443 | 5044.96   | 10930.75 | 131169.00 |
|            |                            | Step B    | 47.6515 | 5336.97   | 11563.43 | 138761.17 |
|            |                            | Step C    | 49.0810 | 5497.07   | 11910.32 | 142923.87 |
|            |                            | Step D    | 50.5535 | 5661.99   | 12267.65 | 147211.79 |
|            |                            | Step E    | 52.0701 | 5831.85   | 12635.68 | 151628.13 |
|            |                            | Step F    | 53.6322 | 6006.81   | 13014.75 | 156176.97 |
|            |                            | Step G    | 55.2411 | 6187.00   | 13405.17 | 160862.08 |
|            |                            | Step H    | 56.8983 | 6372.61   | 13807.32 | 165687.85 |
|            |                            | Step I    | 58.6053 | 6563.79   | 14221.55 | 170658.63 |
|            |                            | Step J    | 60.3635 | 6760.71   | 14648.21 | 175778.51 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------|-----------|---------|-----------|----------|-----------|
| 3392B      | Fleet Manager-B | Step A    | 48.7262 | 3898.10   | 8445.87  | 101350.50 |
|            |                 | Step B    | 51.5466 | 4123.73   | 8934.74  | 107216.93 |
|            |                 | Step C    | 53.0930 | 4247.44   | 9202.79  | 110433.44 |
|            |                 | Step D    | 54.6858 | 4374.86   | 9478.87  | 113746.46 |
|            |                 | Step E    | 56.3264 | 4506.11   | 9763.24  | 117158.91 |
|            |                 | Step F    | 58.0162 | 4641.30   | 10056.14 | 120673.70 |
|            |                 | Step G    | 59.7566 | 4780.53   | 10357.81 | 124293.73 |
|            |                 | Step H    | 61.5493 | 4923.94   | 10668.55 | 128022.54 |
|            |                 | Step I    | 63.3958 | 5071.66   | 10988.61 | 131863.26 |
|            |                 | Step J    | 65.2977 | 5223.82   | 11318.27 | 135819.22 |



## City of Roseville

### Salary Schedule: Management-B

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#### MGMT Management

| Grade Code | Grade Name                  | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|-----------------------------|-----------|---------|-----------|---------|-----------|
| 2565B      | Fleet Services Supervisor-B | Step A    | 39.1872 | 3134.98   | 6792.45 | 81509.38  |
|            |                             | Step B    | 41.4555 | 3316.44   | 7185.62 | 86227.44  |
|            |                             | Step C    | 42.6992 | 3415.94   | 7401.19 | 88814.34  |
|            |                             | Step D    | 43.9802 | 3518.42   | 7623.23 | 91478.82  |
|            |                             | Step E    | 45.2995 | 3623.96   | 7851.91 | 94222.96  |
|            |                             | Step F    | 46.6585 | 3732.68   | 8087.47 | 97049.68  |
|            |                             | Step G    | 48.0583 | 3844.66   | 8330.11 | 99961.26  |
|            |                             | Step H    | 49.5000 | 3960.00   | 8580.00 | 102960.00 |
|            |                             | Step I    | 50.9850 | 4078.80   | 8837.40 | 106048.80 |
|            |                             | Step J    | 52.5146 | 4201.17   | 9102.53 | 109230.37 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT<br>Grade Code | Management<br>Grade Name             | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|--------------------------------------|-----------|---------|-----------|----------|-----------|
| 3451B              | Government Relations Administrator-B | Step A    | 56.4732 | 4517.86   | 9788.69  | 117464.26 |
|                    |                                      | Step B    | 59.7420 | 4779.36   | 10355.28 | 124263.36 |
|                    |                                      | Step C    | 61.5342 | 4922.74   | 10665.93 | 127991.14 |
|                    |                                      | Step D    | 63.3803 | 5070.42   | 10985.92 | 131831.02 |
|                    |                                      | Step E    | 65.2817 | 5222.54   | 11315.49 | 135785.94 |
|                    |                                      | Step F    | 67.2402 | 5379.22   | 11654.97 | 139859.62 |
|                    |                                      | Step G    | 69.2573 | 5540.58   | 12004.60 | 144055.18 |
|                    |                                      | Step H    | 71.3351 | 5706.81   | 12364.75 | 148377.01 |
|                    |                                      | Step I    | 73.4751 | 5878.01   | 12735.68 | 152828.21 |
|                    |                                      | Step J    | 75.6794 | 6054.35   | 13117.76 | 157413.15 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                 | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|--------------------------------------------|-----------|---------|-----------|---------|-----------|
| 1647B      | Government Relations<br>Representative I-B | Step A    | 37.2039 | 2976.31   | 6448.68 | 77384.11  |
|            |                                            | Step B    | 39.3574 | 3148.59   | 6821.95 | 81863.39  |
|            |                                            | Step C    | 40.5382 | 3243.06   | 7026.62 | 84319.46  |
|            |                                            | Step D    | 41.7543 | 3340.34   | 7237.41 | 86848.94  |
|            |                                            | Step E    | 43.0069 | 3440.55   | 7454.53 | 89454.35  |
|            |                                            | Step F    | 44.2971 | 3543.77   | 7678.16 | 92137.97  |
|            |                                            | Step G    | 45.6261 | 3650.09   | 7908.52 | 94902.29  |
|            |                                            | Step H    | 46.9948 | 3759.58   | 8145.77 | 97749.18  |
|            |                                            | Step I    | 48.4047 | 3872.38   | 8390.15 | 100681.78 |
|            |                                            | Step J    | 49.8568 | 3988.54   | 8641.85 | 103702.14 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                               | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|------------------------------------------|-----------|---------|-----------|---------|-----------|
| 1648B      | Government Relations Representative II-B | Step A    | 40.9245 | 3273.96   | 7093.58 | 85122.96  |
|            |                                          | Step B    | 43.2932 | 3463.46   | 7504.15 | 90049.86  |
|            |                                          | Step C    | 44.5920 | 3567.36   | 7729.28 | 92751.36  |
|            |                                          | Step D    | 45.9297 | 3674.38   | 7961.15 | 95533.78  |
|            |                                          | Step E    | 47.3076 | 3784.61   | 8199.98 | 98399.81  |
|            |                                          | Step F    | 48.7269 | 3898.15   | 8446.00 | 101351.95 |
|            |                                          | Step G    | 50.1886 | 4015.09   | 8699.36 | 104392.29 |
|            |                                          | Step H    | 51.6943 | 4135.54   | 8960.35 | 107524.14 |
|            |                                          | Step I    | 53.2452 | 4259.62   | 9229.17 | 110750.02 |
|            |                                          | Step J    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name        | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------|-----------|---------|-----------|----------|-----------|
| 3589B      | Housing Manager-B | Step A    | 51.3387 | 4107.10   | 8898.71  | 106784.50 |
|            |                   | Step B    | 54.3125 | 4345.00   | 9414.17  | 112970.00 |
|            |                   | Step C    | 55.9418 | 4475.34   | 9696.58  | 116358.94 |
|            |                   | Step D    | 57.6201 | 4609.61   | 9987.48  | 119849.81 |
|            |                   | Step E    | 59.3487 | 4747.90   | 10287.11 | 123445.30 |
|            |                   | Step F    | 61.1291 | 4890.33   | 10595.71 | 127148.53 |
|            |                   | Step G    | 62.9630 | 5037.04   | 10913.59 | 130963.04 |
|            |                   | Step H    | 64.8518 | 5188.14   | 11240.98 | 134891.74 |
|            |                   | Step I    | 66.7975 | 5343.80   | 11578.23 | 138938.80 |
|            |                   | Step J    | 68.8013 | 5504.10   | 11925.56 | 143106.70 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|----------------------|-----------|---------|-----------|---------|-----------|
| 3590B      | Housing Supervisor-B | Step A    | 42.7824 | 3422.59   | 7415.62 | 88987.39  |
|            |                      | Step B    | 45.2587 | 3620.70   | 7844.84 | 94138.10  |
|            |                      | Step C    | 46.6165 | 3729.32   | 8080.19 | 96962.32  |
|            |                      | Step D    | 48.0150 | 3841.20   | 8322.60 | 99871.20  |
|            |                      | Step E    | 49.4554 | 3956.43   | 8572.27 | 102867.23 |
|            |                      | Step F    | 50.9391 | 4075.13   | 8829.44 | 105953.33 |
|            |                      | Step G    | 52.4673 | 4197.38   | 9094.33 | 109131.98 |
|            |                      | Step H    | 54.0413 | 4323.30   | 9367.16 | 112405.90 |
|            |                      | Step I    | 55.6625 | 4453.00   | 9648.17 | 115778.00 |
|            |                      | Step J    | 57.3324 | 4586.59   | 9937.62 | 119251.39 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                  | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|-----------------------------|-----------|---------|-----------|---------|-----------|
| 3594B      | Human Resources Analyst I-B | Step A    | 37.5613 | 3004.90   | 6510.63 | 78127.50  |
|            |                             | Step B    | 39.7356 | 3178.85   | 6887.50 | 82650.05  |
|            |                             | Step C    | 40.9275 | 3274.20   | 7094.10 | 85129.20  |
|            |                             | Step D    | 42.1554 | 3372.43   | 7306.94 | 87683.23  |
|            |                             | Step E    | 43.4201 | 3473.61   | 7526.15 | 90313.81  |
|            |                             | Step F    | 44.7227 | 3577.82   | 7751.93 | 93023.22  |
|            |                             | Step G    | 46.0644 | 3685.15   | 7984.50 | 95813.95  |
|            |                             | Step H    | 47.4463 | 3795.70   | 8224.03 | 98688.30  |
|            |                             | Step I    | 48.8697 | 3909.58   | 8470.75 | 101648.98 |
|            |                             | Step J    | 50.3357 | 4026.86   | 8724.85 | 104698.26 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                   | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|------------------------------|-----------|---------|-----------|---------|-----------|
| 3596B      | Human Resources Analyst II-B | Step A    | 41.3174 | 3305.39   | 7161.68 | 85940.19  |
|            |                              | Step B    | 43.7090 | 3496.72   | 7576.23 | 90914.72  |
|            |                              | Step C    | 45.0202 | 3601.62   | 7803.50 | 93642.02  |
|            |                              | Step D    | 46.3709 | 3709.67   | 8037.62 | 96451.47  |
|            |                              | Step E    | 47.7621 | 3820.97   | 8278.76 | 99345.17  |
|            |                              | Step F    | 49.1948 | 3935.58   | 8527.10 | 102325.18 |
|            |                              | Step G    | 50.6707 | 4053.66   | 8782.92 | 105395.06 |
|            |                              | Step H    | 52.1909 | 4175.27   | 9046.42 | 108557.07 |
|            |                              | Step I    | 53.7566 | 4300.53   | 9317.81 | 111813.73 |
|            |                              | Step J    | 55.3693 | 4429.54   | 9597.35 | 115168.14 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                 | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------|-----------|---------|-----------|----------|-----------|
| 3598B      | Human Resources Director-B | Step A    | 74.0282 | 5922.26   | 12831.55 | 153978.66 |
|            |                            | Step B    | 78.3133 | 6265.06   | 13574.31 | 162891.66 |
|            |                            | Step C    | 80.6627 | 6453.02   | 13981.53 | 167778.42 |
|            |                            | Step D    | 83.0825 | 6646.60   | 14400.97 | 172811.60 |
|            |                            | Step E    | 85.5750 | 6846.00   | 14833.00 | 177996.00 |
|            |                            | Step F    | 88.1423 | 7051.38   | 15278.00 | 183335.98 |
|            |                            | Step G    | 90.7865 | 7262.92   | 15736.33 | 188835.92 |
|            |                            | Step H    | 93.5101 | 7480.81   | 16208.42 | 194501.01 |
|            |                            | Step I    | 96.3154 | 7705.23   | 16694.67 | 200336.03 |
|            |                            | Step J    | 99.2049 | 7936.39   | 17195.52 | 206346.19 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                |           |         |           |          |           |
|------------|---------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 3599B      | Human Resources Manager-B | Step A    | 52.2708 | 4181.66   | 9060.27  | 108723.26 |
|            |                           | Step B    | 55.2968 | 4423.74   | 9584.78  | 115017.34 |
|            |                           | Step C    | 56.9557 | 4556.46   | 9872.32  | 118467.86 |
|            |                           | Step D    | 58.6643 | 4693.14   | 10168.48 | 122021.74 |
|            |                           | Step E    | 60.4243 | 4833.94   | 10473.55 | 125682.54 |
|            |                           | Step F    | 62.2370 | 4978.96   | 10787.75 | 129452.96 |
|            |                           | Step G    | 64.1041 | 5128.33   | 11111.38 | 133336.53 |
|            |                           | Step H    | 66.0272 | 5282.18   | 11444.71 | 137336.58 |
|            |                           | Step I    | 68.0080 | 5440.64   | 11788.05 | 141456.64 |
|            |                           | Step J    | 70.0483 | 5603.86   | 12141.71 | 145700.46 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------|-----------|---------|-----------|----------|-----------|
| 1002B      | Hydrogeologist-B | Step A    | 57.3714 | 4589.71   | 9944.38  | 119332.51 |
|            |                  | Step B    | 60.6922 | 4855.38   | 10519.98 | 126239.78 |
|            |                  | Step C    | 62.5129 | 5001.03   | 10835.57 | 130026.83 |
|            |                  | Step D    | 64.3884 | 5151.07   | 11160.66 | 133927.87 |
|            |                  | Step E    | 66.3200 | 5305.60   | 11495.47 | 137945.60 |
|            |                  | Step F    | 68.3096 | 5464.77   | 11840.33 | 142083.97 |
|            |                  | Step G    | 70.3589 | 5628.71   | 12195.54 | 146346.51 |
|            |                  | Step H    | 72.4696 | 5797.57   | 12561.40 | 150736.77 |
|            |                  | Step I    | 74.6437 | 5971.50   | 12938.24 | 155258.90 |
|            |                  | Step J    | 76.8831 | 6150.65   | 13326.40 | 159916.85 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                           |           |         |           |          |           |
|------------|--------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 3625B      | Information Security Administrator-B | Step A    | 51.4209 | 4113.67   | 8912.96  | 106955.47 |
|            |                                      | Step B    | 54.3974 | 4351.79   | 9428.88  | 113146.59 |
|            |                                      | Step C    | 56.0292 | 4482.34   | 9711.73  | 116540.74 |
|            |                                      | Step D    | 57.7102 | 4616.82   | 10003.10 | 120037.22 |
|            |                                      | Step E    | 59.4415 | 4755.32   | 10303.19 | 123638.32 |
|            |                                      | Step F    | 61.2246 | 4897.97   | 10612.26 | 127347.17 |
|            |                                      | Step G    | 63.0614 | 5044.91   | 10930.64 | 131167.71 |
|            |                                      | Step H    | 64.9533 | 5196.26   | 11258.57 | 135102.86 |
|            |                                      | Step I    | 66.9019 | 5352.15   | 11596.33 | 139155.95 |
|            |                                      | Step J    | 68.9090 | 5512.72   | 11944.23 | 143330.72 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                          | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 9542B      | Information Technology Client Services Supervisor-B | Step A    | 46.8423 | 3747.38   | 8119.33  | 97431.98  |
|            |                                                     | Step B    | 49.5537 | 3964.30   | 8589.31  | 103071.70 |
|            |                                                     | Step C    | 51.0404 | 4083.23   | 8847.00  | 106164.03 |
|            |                                                     | Step D    | 52.5715 | 4205.72   | 9112.39  | 109348.72 |
|            |                                                     | Step E    | 54.1487 | 4331.90   | 9385.77  | 112629.30 |
|            |                                                     | Step F    | 55.7732 | 4461.86   | 9667.35  | 116008.26 |
|            |                                                     | Step G    | 57.4463 | 4595.70   | 9957.36  | 119488.30 |
|            |                                                     | Step H    | 59.1698 | 4733.58   | 10256.10 | 123073.18 |
|            |                                                     | Step I    | 60.9449 | 4875.59   | 10563.78 | 126765.39 |
|            |                                                     | Step J    | 62.7732 | 5021.86   | 10880.69 | 130568.26 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                                  |           |         |           |          |           |
|------------|---------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 3602B      | Information Technology Program<br>Manager-B | Step A    | 51.3060 | 4104.48   | 8893.04  | 106716.48 |
|            |                                             | Step B    | 54.2756 | 4342.05   | 9407.77  | 112893.25 |
|            |                                             | Step C    | 55.9039 | 4472.31   | 9690.01  | 116280.11 |
|            |                                             | Step D    | 57.5809 | 4606.47   | 9980.69  | 119768.27 |
|            |                                             | Step E    | 59.3084 | 4744.67   | 10280.12 | 123361.47 |
|            |                                             | Step F    | 61.0877 | 4887.02   | 10588.53 | 127062.42 |
|            |                                             | Step G    | 62.9203 | 5033.62   | 10906.19 | 130874.22 |
|            |                                             | Step H    | 64.8079 | 5184.63   | 11233.37 | 134800.43 |
|            |                                             | Step I    | 66.7521 | 5340.17   | 11570.36 | 138844.37 |
|            |                                             | Step J    | 68.7547 | 5500.38   | 11917.48 | 143009.78 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

MGMT Management

| Grade Code | Grade Name                    | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------|-----------|---------|-----------|----------|-----------|
| 3810B      | Key Accounts Representative-B | Step A    | 56.6845 | 4534.76   | 9825.31  | 117903.76 |
|            |                               | Step B    | 59.9657 | 4797.26   | 10394.05 | 124728.66 |
|            |                               | Step C    | 61.7647 | 4941.18   | 10705.88 | 128470.58 |
|            |                               | Step D    | 63.6176 | 5089.41   | 11027.05 | 132324.61 |
|            |                               | Step E    | 65.5262 | 5242.10   | 11357.87 | 136294.50 |
|            |                               | Step F    | 67.4920 | 5399.36   | 11698.61 | 140383.36 |
|            |                               | Step G    | 69.5167 | 5561.34   | 12049.56 | 144594.74 |
|            |                               | Step H    | 71.6022 | 5728.18   | 12411.05 | 148932.58 |
|            |                               | Step I    | 73.7503 | 5900.02   | 12783.39 | 153400.62 |
|            |                               | Step J    | 75.9628 | 6077.02   | 13166.89 | 158002.62 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                                 |           |         |           |         |           |
|------------|--------------------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                                 | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 4449B      | Management Analyst - City Manager Office-B | Step A    | 42.9706 | 3437.65   | 7448.24 | 89378.85  |
|            |                                            | Step B    | 45.4577 | 3636.62   | 7879.33 | 94552.02  |
|            |                                            | Step C    | 46.8214 | 3745.71   | 8115.71 | 97388.51  |
|            |                                            | Step D    | 48.2261 | 3858.09   | 8359.19 | 100310.29 |
|            |                                            | Step E    | 49.6729 | 3973.83   | 8609.97 | 103319.63 |
|            |                                            | Step F    | 51.1630 | 4093.04   | 8868.25 | 106419.04 |
|            |                                            | Step G    | 52.6979 | 4215.83   | 9134.30 | 109611.63 |
|            |                                            | Step H    | 54.2789 | 4342.31   | 9408.34 | 112900.11 |
|            |                                            | Step I    | 55.9073 | 4472.58   | 9690.60 | 116287.18 |
|            |                                            | Step J    | 57.5845 | 4606.76   | 9981.31 | 119775.76 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name             | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|------------------------|-----------|---------|-----------|---------|-----------|
| 0045B      | Management Analyst I-B | Step A    | 37.2039 | 2976.31   | 6448.68 | 77384.11  |
|            |                        | Step B    | 39.3574 | 3148.59   | 6821.95 | 81863.39  |
|            |                        | Step C    | 40.5382 | 3243.06   | 7026.62 | 84319.46  |
|            |                        | Step D    | 41.7543 | 3340.34   | 7237.41 | 86848.94  |
|            |                        | Step E    | 43.0069 | 3440.55   | 7454.53 | 89454.35  |
|            |                        | Step F    | 44.2971 | 3543.77   | 7678.16 | 92137.97  |
|            |                        | Step G    | 45.6261 | 3650.09   | 7908.52 | 94902.29  |
|            |                        | Step H    | 46.9948 | 3759.58   | 8145.77 | 97749.18  |
|            |                        | Step I    | 48.4047 | 3872.38   | 8390.15 | 100681.78 |
|            |                        | Step J    | 49.8568 | 3988.54   | 8641.85 | 103702.14 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name              | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|-------------------------|-----------|---------|-----------|---------|-----------|
| 0050B      | Management Analyst II-B | Step A    | 40.9245 | 3273.96   | 7093.58 | 85122.96  |
|            |                         | Step B    | 43.2932 | 3463.46   | 7504.15 | 90049.86  |
|            |                         | Step C    | 44.5920 | 3567.36   | 7729.28 | 92751.36  |
|            |                         | Step D    | 45.9297 | 3674.38   | 7961.15 | 95533.78  |
|            |                         | Step E    | 47.3076 | 3784.61   | 8199.98 | 98399.81  |
|            |                         | Step F    | 48.7269 | 3898.15   | 8446.00 | 101351.95 |
|            |                         | Step G    | 50.1886 | 4015.09   | 8699.36 | 104392.29 |
|            |                         | Step H    | 51.6943 | 4135.54   | 8960.35 | 107524.14 |
|            |                         | Step I    | 53.2452 | 4259.62   | 9229.17 | 110750.02 |
|            |                         | Step J    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT<br>Grade Code | Management<br>Grade Name             | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|--------------------|--------------------------------------|-----------|---------|-----------|---------|-----------|
| 5020B              | Park Development Project Manager I-B | Step A    | 37.2039 | 2976.31   | 6448.68 | 77384.11  |
|                    |                                      | Step B    | 39.3574 | 3148.59   | 6821.95 | 81863.39  |
|                    |                                      | Step C    | 40.5382 | 3243.06   | 7026.62 | 84319.46  |
|                    |                                      | Step D    | 41.7543 | 3340.34   | 7237.41 | 86848.94  |
|                    |                                      | Step E    | 43.0069 | 3440.55   | 7454.53 | 89454.35  |
|                    |                                      | Step F    | 44.2971 | 3543.77   | 7678.16 | 92137.97  |
|                    |                                      | Step G    | 45.6261 | 3650.09   | 7908.52 | 94902.29  |
|                    |                                      | Step H    | 46.9948 | 3759.58   | 8145.77 | 97749.18  |
|                    |                                      | Step I    | 48.4047 | 3872.38   | 8390.15 | 100681.78 |
|                    |                                      | Step J    | 49.8568 | 3988.54   | 8641.85 | 103702.14 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                            | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|---------------------------------------|-----------|---------|-----------|---------|-----------|
| 5022B      | Park Development Project Manager II-B | Step A    | 40.9245 | 3273.96   | 7093.58 | 85122.96  |
|            |                                       | Step B    | 43.2932 | 3463.46   | 7504.15 | 90049.86  |
|            |                                       | Step C    | 44.5920 | 3567.36   | 7729.28 | 92751.36  |
|            |                                       | Step D    | 45.9297 | 3674.38   | 7961.15 | 95533.78  |
|            |                                       | Step E    | 47.3076 | 3784.61   | 8199.98 | 98399.81  |
|            |                                       | Step F    | 48.7269 | 3898.15   | 8446.00 | 101351.95 |
|            |                                       | Step G    | 50.1886 | 4015.09   | 8699.36 | 104392.29 |
|            |                                       | Step H    | 51.6943 | 4135.54   | 8960.35 | 107524.14 |
|            |                                       | Step I    | 53.2452 | 4259.62   | 9229.17 | 110750.02 |
|            |                                       | Step J    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                                 |           |         |           |          |           |
|------------|--------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                 | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1106B      | Park Planning and Development<br>Manager-B | Step A    | 51.7657 | 4141.26   | 8972.72  | 107672.66 |
|            |                                            | Step B    | 54.7627 | 4381.02   | 9492.20  | 113906.42 |
|            |                                            | Step C    | 56.4057 | 4512.46   | 9776.99  | 117323.86 |
|            |                                            | Step D    | 58.0978 | 4647.82   | 10070.29 | 120843.42 |
|            |                                            | Step E    | 59.8407 | 4787.26   | 10372.39 | 124468.66 |
|            |                                            | Step F    | 61.6360 | 4930.88   | 10683.57 | 128202.88 |
|            |                                            | Step G    | 63.4850 | 5078.80   | 11004.07 | 132048.80 |
|            |                                            | Step H    | 65.3896 | 5231.17   | 11334.20 | 136010.37 |
|            |                                            | Step I    | 67.3513 | 5388.10   | 11674.23 | 140090.70 |
|            |                                            | Step J    | 69.3718 | 5549.74   | 12024.45 | 144293.34 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                   | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------------------|-----------|----------|-----------|----------|-----------|
| 5082B      | Parks Recreation and Libraries<br>Director-B | Step A    | 77.7301  | 6218.41   | 13473.22 | 161678.61 |
|            |                                              | Step B    | 82.2294  | 6578.35   | 14253.10 | 171037.15 |
|            |                                              | Step C    | 84.6962  | 6775.70   | 14680.67 | 176168.10 |
|            |                                              | Step D    | 87.2371  | 6978.97   | 15121.10 | 181453.17 |
|            |                                              | Step E    | 89.8542  | 7188.34   | 15574.73 | 186896.74 |
|            |                                              | Step F    | 92.5499  | 7403.99   | 16041.98 | 192503.79 |
|            |                                              | Step G    | 95.3264  | 7626.11   | 16523.24 | 198278.91 |
|            |                                              | Step H    | 98.1862  | 7854.90   | 17018.94 | 204227.30 |
|            |                                              | Step I    | 101.1317 | 8090.54   | 17529.49 | 210353.94 |
|            |                                              | Step J    | 104.1657 | 8333.26   | 18055.39 | 216664.66 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------------------|-----------|---------|-----------|----------|-----------|
| 9547B      | Parks Recreation and Libraries<br>Manager-B | Step A    | 51.7657 | 4141.26   | 8972.72  | 107672.66 |
|            |                                             | Step B    | 54.7627 | 4381.02   | 9492.20  | 113906.42 |
|            |                                             | Step C    | 56.4057 | 4512.46   | 9776.99  | 117323.86 |
|            |                                             | Step D    | 58.0978 | 4647.82   | 10070.29 | 120843.42 |
|            |                                             | Step E    | 59.8407 | 4787.26   | 10372.39 | 124468.66 |
|            |                                             | Step F    | 61.6360 | 4930.88   | 10683.57 | 128202.88 |
|            |                                             | Step G    | 63.4850 | 5078.80   | 11004.07 | 132048.80 |
|            |                                             | Step H    | 65.3896 | 5231.17   | 11334.20 | 136010.37 |
|            |                                             | Step I    | 67.3513 | 5388.10   | 11674.23 | 140090.70 |
|            |                                             | Step J    | 69.3718 | 5549.74   | 12024.45 | 144293.34 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                         | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 9546B      | Parks Recreation and Libraries<br>Superintendent-B | Step A    | 45.0143 | 3601.14   | 7802.48  | 93629.74  |
|            |                                                    | Step B    | 47.6198 | 3809.58   | 8254.10  | 99049.18  |
|            |                                                    | Step C    | 49.0484 | 3923.87   | 8501.72  | 102020.67 |
|            |                                                    | Step D    | 50.5198 | 4041.58   | 8756.77  | 105081.18 |
|            |                                                    | Step E    | 52.0354 | 4162.83   | 9019.47  | 108233.63 |
|            |                                                    | Step F    | 53.5965 | 4287.72   | 9290.06  | 111480.72 |
|            |                                                    | Step G    | 55.2044 | 4416.35   | 9568.76  | 114825.15 |
|            |                                                    | Step H    | 56.8605 | 4548.84   | 9855.82  | 118269.84 |
|            |                                                    | Step I    | 58.5664 | 4685.31   | 10151.51 | 121818.11 |
|            |                                                    | Step J    | 60.3233 | 4825.86   | 10456.04 | 125472.46 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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MGMT Management

| Grade Code | Grade Name         |
|------------|--------------------|
| 5069B      | Parks Supervisor-B |

| Step Name | Hourly  | Bi-Weekly | Monthly | Annual   |
|-----------|---------|-----------|---------|----------|
| Step A    | 35.3021 | 2824.17   | 6119.03 | 73428.37 |
| Step B    | 37.3459 | 2987.67   | 6473.29 | 77679.47 |
| Step C    | 38.4663 | 3077.30   | 6667.49 | 80009.90 |
| Step D    | 39.6202 | 3169.62   | 6867.50 | 82410.02 |
| Step E    | 40.8089 | 3264.71   | 7073.54 | 84882.51 |
| Step F    | 42.0331 | 3362.65   | 7285.74 | 87428.85 |
| Step G    | 43.2941 | 3463.53   | 7504.31 | 90051.73 |
| Step H    | 44.5929 | 3567.43   | 7729.44 | 92753.23 |
| Step I    | 45.9307 | 3674.46   | 7961.32 | 95535.86 |
| Step J    | 47.3086 | 3784.69   | 8200.16 | 98401.89 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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MGMT Management

| Grade Code | Grade Name          |
|------------|---------------------|
| 1124B      | Payroll Analyst I-B |

| Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|-----------|---------|-----------|---------|-----------|
| Step A    | 37.2039 | 2976.31   | 6448.68 | 77384.11  |
| Step B    | 39.3574 | 3148.59   | 6821.95 | 81863.39  |
| Step C    | 40.5382 | 3243.06   | 7026.62 | 84319.46  |
| Step D    | 41.7543 | 3340.34   | 7237.41 | 86848.94  |
| Step E    | 43.0069 | 3440.55   | 7454.53 | 89454.35  |
| Step F    | 44.2971 | 3543.77   | 7678.16 | 92137.97  |
| Step G    | 45.6261 | 3650.09   | 7908.52 | 94902.29  |
| Step H    | 46.9948 | 3759.58   | 8145.77 | 97749.18  |
| Step I    | 48.4047 | 3872.38   | 8390.15 | 100681.78 |
| Step J    | 49.8568 | 3988.54   | 8641.85 | 103702.14 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|----------------------|-----------|---------|-----------|---------|-----------|
| 1125B      | Payroll Analyst II-B | Step A    | 40.9245 | 3273.96   | 7093.58 | 85122.96  |
|            |                      | Step B    | 43.2932 | 3463.46   | 7504.15 | 90049.86  |
|            |                      | Step C    | 44.5920 | 3567.36   | 7729.28 | 92751.36  |
|            |                      | Step D    | 45.9297 | 3674.38   | 7961.15 | 95533.78  |
|            |                      | Step E    | 47.3076 | 3784.61   | 8199.98 | 98399.81  |
|            |                      | Step F    | 48.7269 | 3898.15   | 8446.00 | 101351.95 |
|            |                      | Step G    | 50.1886 | 4015.09   | 8699.36 | 104392.29 |
|            |                      | Step H    | 51.6943 | 4135.54   | 8960.35 | 107524.14 |
|            |                      | Step I    | 53.2452 | 4259.62   | 9229.17 | 110750.02 |
|            |                      | Step J    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------|-----------|---------|-----------|----------|-----------|
| 9428B      | Payroll Supervisor-B | Step A    | 47.0629 | 3765.03   | 8157.57  | 97890.83  |
|            |                      | Step B    | 49.7871 | 3982.97   | 8629.76  | 103557.17 |
|            |                      | Step C    | 51.2807 | 4102.46   | 8888.65  | 106663.86 |
|            |                      | Step D    | 52.8192 | 4225.54   | 9155.33  | 109863.94 |
|            |                      | Step E    | 54.4037 | 4352.30   | 9429.97  | 113159.70 |
|            |                      | Step F    | 56.0359 | 4482.87   | 9712.89  | 116554.67 |
|            |                      | Step G    | 57.7169 | 4617.35   | 10004.26 | 120051.15 |
|            |                      | Step H    | 59.4484 | 4755.87   | 10304.39 | 123652.67 |
|            |                      | Step I    | 61.2319 | 4898.55   | 10613.53 | 127362.35 |
|            |                      | Step J    | 63.0689 | 5045.51   | 10931.94 | 131183.31 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|----------------------|-----------|---------|-----------|---------|-----------|
| 1501B      | Permits Supervisor-B | Step A    | 40.9245 | 3273.96   | 7093.58 | 85122.96  |
|            |                      | Step B    | 43.2932 | 3463.46   | 7504.15 | 90049.86  |
|            |                      | Step C    | 44.5920 | 3567.36   | 7729.28 | 92751.36  |
|            |                      | Step D    | 45.9297 | 3674.38   | 7961.15 | 95533.78  |
|            |                      | Step E    | 47.3076 | 3784.61   | 8199.98 | 98399.81  |
|            |                      | Step F    | 48.7269 | 3898.15   | 8446.00 | 101351.95 |
|            |                      | Step G    | 50.1886 | 4015.09   | 8699.36 | 104392.29 |
|            |                      | Step H    | 51.6943 | 4135.54   | 8960.35 | 107524.14 |
|            |                      | Step I    | 53.2452 | 4259.62   | 9229.17 | 110750.02 |
|            |                      | Step J    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name         | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------|-----------|---------|-----------|----------|-----------|
| 5309B      | Planning Manager-B | Step A    | 63.8914 | 5111.31   | 11074.51 | 132894.11 |
|            |                    | Step B    | 67.5897 | 5407.18   | 11715.55 | 140586.58 |
|            |                    | Step C    | 69.6173 | 5569.38   | 12067.00 | 144803.98 |
|            |                    | Step D    | 71.7058 | 5736.46   | 12429.01 | 149148.06 |
|            |                    | Step E    | 73.8570 | 5908.56   | 12801.88 | 153622.56 |
|            |                    | Step F    | 76.0727 | 6085.82   | 13185.93 | 158231.22 |
|            |                    | Step G    | 78.3550 | 6268.40   | 13581.53 | 162978.40 |
|            |                    | Step H    | 80.7056 | 6456.45   | 13988.97 | 167867.65 |
|            |                    | Step I    | 83.1267 | 6650.14   | 14408.63 | 172903.54 |
|            |                    | Step J    | 85.6205 | 6849.64   | 14840.89 | 178090.64 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------|-----------|---------|-----------|----------|-----------|
| 5400B      | Police Captain-B | Step A    | 70.4811 | 5638.49   | 12216.72 | 146600.69 |
|            |                  | Step B    | 74.5607 | 5964.86   | 12923.85 | 155086.26 |
|            |                  | Step C    | 76.7976 | 6143.81   | 13311.58 | 159739.01 |
|            |                  | Step D    | 79.1015 | 6328.12   | 13710.93 | 164531.12 |
|            |                  | Step E    | 81.4746 | 6517.97   | 14122.26 | 169467.17 |
|            |                  | Step F    | 83.9188 | 6713.50   | 14545.93 | 174551.10 |
|            |                  | Step G    | 86.4364 | 6914.91   | 14982.31 | 179787.71 |
|            |                  | Step H    | 89.0294 | 7122.35   | 15431.76 | 185181.15 |
|            |                  | Step I    | 91.7003 | 7336.02   | 15894.72 | 190736.62 |
|            |                  | Step J    | 94.4513 | 7556.10   | 16371.56 | 196458.70 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name     | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|----------------|-----------|----------|-----------|----------|-----------|
| 5410B      | Police Chief-B | Step A    | 91.0614  | 7284.91   | 15783.98 | 189407.71 |
|            |                | Step B    | 96.3325  | 7706.60   | 16697.63 | 200371.60 |
|            |                | Step C    | 99.2225  | 7937.80   | 17198.57 | 206382.80 |
|            |                | Step D    | 102.1991 | 8175.93   | 17714.51 | 212574.13 |
|            |                | Step E    | 105.2651 | 8421.21   | 18245.95 | 218951.41 |
|            |                | Step F    | 108.4231 | 8673.85   | 18793.34 | 225520.05 |
|            |                | Step G    | 111.6758 | 8934.06   | 19357.14 | 232285.66 |
|            |                | Step H    | 115.0261 | 9202.09   | 19937.86 | 239254.29 |
|            |                | Step I    | 118.4768 | 9478.14   | 20535.98 | 246431.74 |
|            |                | Step J    | 122.0311 | 9762.49   | 21152.06 | 253824.69 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name          | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------|-----------|---------|-----------|----------|-----------|
| 5420B      | Police Lieutenant-B | Step A    | 61.2873 | 4902.98   | 10623.13 | 127477.58 |
|            |                     | Step B    | 64.8350 | 5186.80   | 11238.07 | 134856.80 |
|            |                     | Step C    | 66.7801 | 5342.41   | 11575.22 | 138902.61 |
|            |                     | Step D    | 68.7835 | 5502.68   | 11922.47 | 143069.68 |
|            |                     | Step E    | 70.8470 | 5667.76   | 12280.15 | 147361.76 |
|            |                     | Step F    | 72.9724 | 5837.79   | 12648.55 | 151782.59 |
|            |                     | Step G    | 75.1615 | 6012.92   | 13027.99 | 156335.92 |
|            |                     | Step H    | 77.4164 | 6193.31   | 13418.84 | 161026.11 |
|            |                     | Step I    | 79.7389 | 6379.11   | 13821.41 | 165856.91 |
|            |                     | Step J    | 82.1311 | 6570.49   | 14236.06 | 170832.69 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------|-----------|---------|-----------|----------|-----------|
| 5489B      | Police Services Administrator-B | Step A    | 53.9435 | 4315.48   | 9350.21  | 112202.48 |
|            |                                 | Step B    | 57.0659 | 4565.27   | 9891.42  | 118697.07 |
|            |                                 | Step C    | 58.7779 | 4702.23   | 10188.17 | 122258.03 |
|            |                                 | Step D    | 60.5413 | 4843.30   | 10493.83 | 125925.90 |
|            |                                 | Step E    | 62.3575 | 4988.60   | 10808.63 | 129703.60 |
|            |                                 | Step F    | 64.2283 | 5138.26   | 11132.91 | 133594.86 |
|            |                                 | Step G    | 66.1551 | 5292.41   | 11466.88 | 137602.61 |
|            |                                 | Step H    | 68.1398 | 5451.18   | 11810.90 | 141730.78 |
|            |                                 | Step I    | 70.1840 | 5614.72   | 12165.23 | 145982.72 |
|            |                                 | Step J    | 72.2895 | 5783.16   | 12530.18 | 150362.16 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                            |           |         |           |         |          |
|------------|---------------------------------------|-----------|---------|-----------|---------|----------|
| Grade Code | Grade Name                            | Step Name | Hourly  | Bi-Weekly | Monthly | Annual   |
| 1039B      | Police Social Services Practitioner-B | Step A    | 35.3582 | 2828.66   | 6128.75 | 73545.06 |
|            |                                       | Step B    | 37.4048 | 2992.38   | 6483.50 | 77801.98 |
|            |                                       | Step C    | 38.5271 | 3082.17   | 6678.03 | 80136.37 |
|            |                                       | Step D    | 39.6828 | 3174.62   | 6878.35 | 82540.22 |
|            |                                       | Step E    | 40.8734 | 3269.87   | 7084.72 | 85016.67 |
|            |                                       | Step F    | 42.0995 | 3367.96   | 7297.25 | 87566.96 |
|            |                                       | Step G    | 43.3626 | 3469.01   | 7516.18 | 90194.21 |
|            |                                       | Step H    | 44.6634 | 3573.07   | 7741.66 | 92899.87 |
|            |                                       | Step I    | 46.0033 | 3680.26   | 7973.91 | 95686.86 |
|            |                                       | Step J    | 47.3834 | 3790.67   | 8213.12 | 98557.47 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                          |           |         |           |         |           |
|------------|-------------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                          | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 1126B      | Police Social Services Supervisor-B | Step A    | 40.6619 | 3252.95   | 7048.06 | 84576.75  |
|            |                                     | Step B    | 43.0156 | 3441.25   | 7456.04 | 89472.45  |
|            |                                     | Step C    | 44.3061 | 3544.49   | 7679.72 | 92156.69  |
|            |                                     | Step D    | 45.6352 | 3650.82   | 7910.10 | 94921.22  |
|            |                                     | Step E    | 47.0043 | 3760.34   | 8147.41 | 97768.94  |
|            |                                     | Step F    | 48.4144 | 3873.15   | 8391.83 | 100701.95 |
|            |                                     | Step G    | 49.8669 | 3989.35   | 8643.60 | 103723.15 |
|            |                                     | Step H    | 51.3629 | 4109.03   | 8902.90 | 106834.83 |
|            |                                     | Step I    | 52.9038 | 4232.30   | 9169.99 | 110039.90 |
|            |                                     | Step J    | 54.4909 | 4359.27   | 9445.09 | 113341.07 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                  |           |          |           |          |           |
|------------|-----------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                  | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 5505B      | Power Engineering Manager-B | Step A    | 81.7450  | 6539.60   | 14169.13 | 170029.60 |
|            |                             | Step B    | 86.4768  | 6918.14   | 14989.31 | 179871.74 |
|            |                             | Step C    | 89.0710  | 7125.68   | 15438.97 | 185267.68 |
|            |                             | Step D    | 91.7431  | 7339.45   | 15902.14 | 190825.65 |
|            |                             | Step E    | 94.4954  | 7559.63   | 16379.20 | 196550.43 |
|            |                             | Step F    | 97.3303  | 7786.42   | 16870.59 | 202447.02 |
|            |                             | Step G    | 100.2502 | 8020.02   | 17376.70 | 208520.42 |
|            |                             | Step H    | 103.2578 | 8260.62   | 17898.02 | 214776.22 |
|            |                             | Step I    | 106.3555 | 8508.44   | 18434.95 | 221219.44 |
|            |                             | Step J    | 109.5461 | 8763.69   | 18987.99 | 227855.89 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                        | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------------|-----------|----------|-----------|----------|-----------|
| 5600B      | Power Generation Superintendent-B | Step A    | 84.3105  | 6744.84   | 14613.82 | 175365.84 |
|            |                                   | Step B    | 89.1906  | 7135.25   | 15459.70 | 185516.45 |
|            |                                   | Step C    | 91.8664  | 7349.31   | 15923.51 | 191082.11 |
|            |                                   | Step D    | 94.6224  | 7569.79   | 16401.22 | 196814.59 |
|            |                                   | Step E    | 97.4611  | 7796.89   | 16893.26 | 202719.09 |
|            |                                   | Step F    | 100.3849 | 8030.79   | 17400.05 | 208800.59 |
|            |                                   | Step G    | 103.3965 | 8271.72   | 17922.06 | 215064.72 |
|            |                                   | Step H    | 106.4984 | 8519.87   | 18459.72 | 221516.67 |
|            |                                   | Step I    | 109.6933 | 8775.46   | 19013.51 | 228162.06 |
|            |                                   | Step J    | 112.9841 | 9038.73   | 19583.91 | 235006.93 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                          | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------------------------------|-----------|----------|-----------|----------|-----------|
| 5530B      | Power Plant Operations and Maintenance Supervisor-B | Step A    | 76.7661  | 6141.29   | 13306.12 | 159673.49 |
|            |                                                     | Step B    | 81.2097  | 6496.78   | 14076.35 | 168916.18 |
|            |                                                     | Step C    | 83.6460  | 6691.68   | 14498.64 | 173983.68 |
|            |                                                     | Step D    | 86.1553  | 6892.42   | 14933.59 | 179203.02 |
|            |                                                     | Step E    | 88.7400  | 7099.20   | 15381.60 | 184579.20 |
|            |                                                     | Step F    | 91.4022  | 7312.18   | 15843.05 | 190116.58 |
|            |                                                     | Step G    | 94.1443  | 7531.54   | 16318.35 | 195820.14 |
|            |                                                     | Step H    | 96.9686  | 7757.49   | 16807.89 | 201694.69 |
|            |                                                     | Step I    | 99.8777  | 7990.22   | 17312.13 | 207745.62 |
|            |                                                     | Step J    | 102.8740 | 8229.92   | 17831.49 | 213977.92 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                 | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|--------------------------------------------|-----------|----------|-----------|----------|-----------|
| 5535B      | Power Supply and Portfolio Administrator-B | Step A    | 81.7413  | 6539.30   | 14168.49 | 170021.90 |
|            |                                            | Step B    | 86.4729  | 6917.83   | 14988.64 | 179863.63 |
|            |                                            | Step C    | 89.0670  | 7125.36   | 15438.28 | 185259.36 |
|            |                                            | Step D    | 91.7390  | 7339.12   | 15901.43 | 190817.12 |
|            |                                            | Step E    | 94.4912  | 7559.30   | 16378.47 | 196541.70 |
|            |                                            | Step F    | 97.3260  | 7786.08   | 16869.84 | 202438.08 |
|            |                                            | Step G    | 100.2457 | 8019.66   | 17375.92 | 208511.06 |
|            |                                            | Step H    | 103.2531 | 8260.25   | 17897.20 | 214766.45 |
|            |                                            | Step I    | 106.3507 | 8508.06   | 18434.12 | 221209.46 |
|            |                                            | Step J    | 109.5412 | 8763.30   | 18987.14 | 227845.70 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                            | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------------|-----------|---------|-----------|----------|-----------|
| 5519B      | Preventative Maintenance Supervisor-B | Step A    | 49.9956 | 3999.65   | 8665.90  | 103990.85 |
|            |                                       | Step B    | 52.8901 | 4231.21   | 9167.62  | 110011.41 |
|            |                                       | Step C    | 54.4768 | 4358.14   | 9442.65  | 113311.74 |
|            |                                       | Step D    | 56.1110 | 4488.88   | 9725.91  | 116710.88 |
|            |                                       | Step E    | 57.7944 | 4623.55   | 10017.70 | 120212.35 |
|            |                                       | Step F    | 59.5282 | 4762.26   | 10318.22 | 123818.66 |
|            |                                       | Step G    | 61.3141 | 4905.13   | 10627.78 | 127533.33 |
|            |                                       | Step H    | 63.1535 | 5052.28   | 10946.61 | 131359.28 |
|            |                                       | Step I    | 65.0481 | 5203.85   | 11275.00 | 135300.05 |
|            |                                       | Step J    | 66.9995 | 5359.96   | 11613.25 | 139358.96 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------|-----------|---------|-----------|----------|-----------|
| 5514B      | Principal Engineer-B | Step A    | 57.3714 | 4589.71   | 9944.38  | 119332.51 |
|            |                      | Step B    | 60.6922 | 4855.38   | 10519.98 | 126239.78 |
|            |                      | Step C    | 62.5129 | 5001.03   | 10835.57 | 130026.83 |
|            |                      | Step D    | 64.3884 | 5151.07   | 11160.66 | 133927.87 |
|            |                      | Step E    | 66.3200 | 5305.60   | 11495.47 | 137945.60 |
|            |                      | Step F    | 68.3096 | 5464.77   | 11840.33 | 142083.97 |
|            |                      | Step G    | 70.3589 | 5628.71   | 12195.54 | 146346.51 |
|            |                      | Step H    | 72.4696 | 5797.57   | 12561.40 | 150736.77 |
|            |                      | Step I    | 74.6437 | 5971.50   | 12938.24 | 155258.90 |
|            |                      | Step J    | 76.8831 | 6150.65   | 13326.40 | 159916.85 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name          | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------|-----------|---------|-----------|----------|-----------|
| 5513B      | Principal Planner-B | Step A    | 53.2441 | 4259.53   | 9228.98  | 110747.73 |
|            |                     | Step B    | 56.3262 | 4506.10   | 9763.21  | 117158.50 |
|            |                     | Step C    | 58.0159 | 4641.27   | 10056.09 | 120673.07 |
|            |                     | Step D    | 59.7565 | 4780.52   | 10357.79 | 124293.52 |
|            |                     | Step E    | 61.5492 | 4923.94   | 10668.53 | 128022.34 |
|            |                     | Step F    | 63.3956 | 5071.65   | 10988.57 | 131862.85 |
|            |                     | Step G    | 65.2974 | 5223.79   | 11318.22 | 135818.59 |
|            |                     | Step H    | 67.2564 | 5380.51   | 11657.78 | 139893.31 |
|            |                     | Step I    | 69.2741 | 5541.93   | 12007.51 | 144090.13 |
|            |                     | Step J    | 71.3523 | 5708.18   | 12367.73 | 148412.78 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                 | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------|-----------|----------|-----------|----------|-----------|
| 1114B      | Principal Power Engineer-B | Step A    | 78.1875  | 6255.00   | 13552.50 | 162630.00 |
|            |                            | Step B    | 82.7133  | 6617.06   | 14336.97 | 172043.66 |
|            |                            | Step C    | 85.1947  | 6815.58   | 14767.08 | 177204.98 |
|            |                            | Step D    | 87.7505  | 7020.04   | 15210.09 | 182521.04 |
|            |                            | Step E    | 90.3831  | 7230.65   | 15666.40 | 187996.85 |
|            |                            | Step F    | 93.0946  | 7447.57   | 16136.40 | 193636.77 |
|            |                            | Step G    | 95.8874  | 7670.99   | 16620.48 | 199445.79 |
|            |                            | Step H    | 98.7640  | 7901.12   | 17119.09 | 205429.12 |
|            |                            | Step I    | 101.7269 | 8138.15   | 17632.66 | 211591.95 |
|            |                            | Step J    | 104.7787 | 8382.30   | 18161.64 | 217939.70 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                       |           |          |           |          |           |
|------------|----------------------------------|-----------|----------|-----------|----------|-----------|
| Grade Code | Grade Name                       | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
| 1115B      | Principal Power Plant Engineer-B | Step A    | 78.1875  | 6255.00   | 13552.50 | 162630.00 |
|            |                                  | Step B    | 82.7133  | 6617.06   | 14336.97 | 172043.66 |
|            |                                  | Step C    | 85.1947  | 6815.58   | 14767.08 | 177204.98 |
|            |                                  | Step D    | 87.7505  | 7020.04   | 15210.09 | 182521.04 |
|            |                                  | Step E    | 90.3831  | 7230.65   | 15666.40 | 187996.85 |
|            |                                  | Step F    | 93.0946  | 7447.57   | 16136.40 | 193636.77 |
|            |                                  | Step G    | 95.8874  | 7670.99   | 16620.48 | 199445.79 |
|            |                                  | Step H    | 98.7640  | 7901.12   | 17119.09 | 205429.12 |
|            |                                  | Step I    | 101.7269 | 8138.15   | 17632.66 | 211591.95 |
|            |                                  | Step J    | 104.7787 | 8382.30   | 18161.64 | 217939.70 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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MGMT Management

| Grade Code | Grade Name         |
|------------|--------------------|
| 1004B      | Process Engineer-B |

| Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-----------|---------|-----------|----------|-----------|
| Step A    | 57.3714 | 4589.71   | 9944.38  | 119332.51 |
| Step B    | 60.6922 | 4855.38   | 10519.98 | 126239.78 |
| Step C    | 62.5129 | 5001.03   | 10835.57 | 130026.83 |
| Step D    | 64.3884 | 5151.07   | 11160.66 | 133927.87 |
| Step E    | 66.3200 | 5305.60   | 11495.47 | 137945.60 |
| Step F    | 68.3096 | 5464.77   | 11840.33 | 142083.97 |
| Step G    | 70.3589 | 5628.71   | 12195.54 | 146346.51 |
| Step H    | 72.4696 | 5797.57   | 12561.40 | 150736.77 |
| Step I    | 74.6437 | 5971.50   | 12938.24 | 155258.90 |
| Step J    | 76.8831 | 6150.65   | 13326.40 | 159916.85 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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MGMT Management

| Grade Code | Grade Name           |
|------------|----------------------|
| 1069B      | Project Supervisor-B |

| Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|-----------|---------|-----------|----------|-----------|
| Step A    | 49.8884 | 3991.07   | 8647.32  | 103767.87 |
| Step B    | 52.7762 | 4222.10   | 9147.87  | 109774.50 |
| Step C    | 54.3595 | 4348.76   | 9422.31  | 113067.76 |
| Step D    | 55.9903 | 4479.22   | 9704.99  | 116459.82 |
| Step E    | 57.6700 | 4613.60   | 9996.13  | 119953.60 |
| Step F    | 59.4001 | 4752.01   | 10296.02 | 123552.21 |
| Step G    | 61.1821 | 4894.57   | 10604.90 | 127258.77 |
| Step H    | 63.0175 | 5041.40   | 10923.03 | 131076.40 |
| Step I    | 64.9080 | 5192.64   | 11250.72 | 135008.64 |
| Step J    | 66.8553 | 5348.42   | 11588.25 | 139059.02 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT<br>Grade Code | Management<br>Grade Name                       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|--------------------|------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1108B              | Public Affairs and Communications<br>Manager-B | Step A    | 55.8098 | 4464.78   | 9673.70  | 116084.38 |
|                    |                                                | Step B    | 59.0403 | 4723.22   | 10233.65 | 122803.82 |
|                    |                                                | Step C    | 60.8116 | 4864.93   | 10540.68 | 126488.13 |
|                    |                                                | Step D    | 62.6359 | 5010.87   | 10856.89 | 130282.67 |
|                    |                                                | Step E    | 64.5150 | 5161.20   | 11182.60 | 134191.20 |
|                    |                                                | Step F    | 66.4504 | 5316.03   | 11518.07 | 138216.83 |
|                    |                                                | Step G    | 68.4439 | 5475.51   | 11863.61 | 142363.31 |
|                    |                                                | Step H    | 70.4973 | 5639.78   | 12219.53 | 146634.38 |
|                    |                                                | Step I    | 72.6122 | 5808.98   | 12586.11 | 151033.38 |
|                    |                                                | Step J    | 74.7906 | 5983.25   | 12963.70 | 155564.45 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name              | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------|-----------|----------|-----------|----------|-----------|
| 5635B      | Public Works Director-B | Step A    | 77.7314  | 6218.51   | 13473.44 | 161681.31 |
|            |                         | Step B    | 82.2308  | 6578.46   | 14253.34 | 171040.06 |
|            |                         | Step C    | 84.6977  | 6775.82   | 14680.93 | 176171.22 |
|            |                         | Step D    | 87.2386  | 6979.09   | 15121.36 | 181456.29 |
|            |                         | Step E    | 89.8558  | 7188.46   | 15575.01 | 186900.06 |
|            |                         | Step F    | 92.5515  | 7404.12   | 16042.26 | 192507.12 |
|            |                         | Step G    | 95.3280  | 7626.24   | 16523.52 | 198282.24 |
|            |                         | Step H    | 98.1879  | 7855.03   | 17019.24 | 204230.83 |
|            |                         | Step I    | 101.1335 | 8090.68   | 17529.81 | 210357.68 |
|            |                         | Step J    | 104.1675 | 8333.40   | 18055.70 | 216668.40 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name             | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------|-----------|---------|-----------|----------|-----------|
| 1087B      | Public Works Manager-B | Step A    | 54.8772 | 4390.18   | 9512.05  | 114144.58 |
|            |                        | Step B    | 58.0538 | 4644.30   | 10062.66 | 120751.90 |
|            |                        | Step C    | 59.7955 | 4783.64   | 10364.55 | 124374.64 |
|            |                        | Step D    | 61.5893 | 4927.14   | 10675.48 | 128105.74 |
|            |                        | Step E    | 63.4370 | 5074.96   | 10995.75 | 131948.96 |
|            |                        | Step F    | 65.3401 | 5227.21   | 11325.62 | 135907.41 |
|            |                        | Step G    | 67.3003 | 5384.02   | 11665.39 | 139984.62 |
|            |                        | Step H    | 69.3194 | 5545.55   | 12015.36 | 144184.35 |
|            |                        | Step I    | 71.3988 | 5711.90   | 12375.79 | 148509.50 |
|            |                        | Step J    | 73.5409 | 5883.27   | 12747.09 | 152965.07 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                         | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------------|-----------|---------|-----------|----------|-----------|
| 5652B      | Purchasing and Warehouse Manager-B | Step A    | 50.6893 | 4055.14   | 8786.15  | 105433.74 |
|            |                                    | Step B    | 53.6234 | 4289.87   | 9294.72  | 111536.67 |
|            |                                    | Step C    | 55.2321 | 4418.57   | 9573.56  | 114882.77 |
|            |                                    | Step D    | 56.8890 | 4551.12   | 9860.76  | 118329.12 |
|            |                                    | Step E    | 58.5957 | 4687.66   | 10156.59 | 121879.06 |
|            |                                    | Step F    | 60.3536 | 4828.29   | 10461.29 | 125535.49 |
|            |                                    | Step G    | 62.1642 | 4973.14   | 10775.13 | 129301.54 |
|            |                                    | Step H    | 64.0291 | 5122.33   | 11098.38 | 133180.53 |
|            |                                    | Step I    | 65.9500 | 5276.00   | 11431.33 | 137176.00 |
|            |                                    | Step J    | 67.9285 | 5434.28   | 11774.27 | 141291.28 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                          |           |         |           |         |          |
|------------|-------------------------------------|-----------|---------|-----------|---------|----------|
| Grade Code | Grade Name                          | Step Name | Hourly  | Bi-Weekly | Monthly | Annual   |
| 9544B      | Recreation and Library Supervisor-B | Step A    | 33.4672 | 2677.38   | 5800.98 | 69611.78 |
|            |                                     | Step B    | 35.4048 | 2832.38   | 6136.83 | 73641.98 |
|            |                                     | Step C    | 36.4669 | 2917.35   | 6320.93 | 75851.15 |
|            |                                     | Step D    | 37.5609 | 3004.87   | 6510.56 | 78126.67 |
|            |                                     | Step E    | 38.6877 | 3095.02   | 6705.87 | 80470.42 |
|            |                                     | Step F    | 39.8484 | 3187.87   | 6907.06 | 82884.67 |
|            |                                     | Step G    | 41.0438 | 3283.50   | 7114.26 | 85371.10 |
|            |                                     | Step H    | 42.2751 | 3382.01   | 7327.68 | 87932.21 |
|            |                                     | Step I    | 43.5434 | 3483.47   | 7547.52 | 90570.27 |
|            |                                     | Step J    | 44.8497 | 3587.98   | 7773.95 | 93287.38 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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MGMT Management

| Grade Code | Grade Name              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------|-----------|---------|-----------|----------|-----------|
| 6231B      | Refuse Superintendent-B | Step A    | 47.9372 | 3834.98   | 8309.11  | 99709.38  |
|            |                         | Step B    | 50.7120 | 4056.96   | 8790.08  | 105480.96 |
|            |                         | Step C    | 52.2333 | 4178.66   | 9053.77  | 108645.26 |
|            |                         | Step D    | 53.8003 | 4304.02   | 9325.39  | 111904.62 |
|            |                         | Step E    | 55.4144 | 4433.15   | 9605.16  | 115261.95 |
|            |                         | Step F    | 57.0768 | 4566.14   | 9893.31  | 118719.74 |
|            |                         | Step G    | 58.7891 | 4703.13   | 10190.11 | 122281.33 |
|            |                         | Step H    | 60.5527 | 4844.22   | 10495.80 | 125949.62 |
|            |                         | Step I    | 62.3693 | 4989.54   | 10810.68 | 129728.14 |
|            |                         | Step J    | 64.2404 | 5139.23   | 11135.00 | 133620.03 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name          | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|---------------------|-----------|---------|-----------|---------|-----------|
| 6235B      | Refuse Supervisor-B | Step A    | 39.7944 | 3183.55   | 6897.70 | 82772.35  |
|            |                     | Step B    | 42.0972 | 3367.78   | 7296.85 | 87562.18  |
|            |                     | Step C    | 43.3601 | 3468.81   | 7515.75 | 90189.01  |
|            |                     | Step D    | 44.6609 | 3572.87   | 7741.22 | 92894.67  |
|            |                     | Step E    | 46.0007 | 3680.06   | 7973.45 | 95681.46  |
|            |                     | Step F    | 47.3807 | 3790.46   | 8212.65 | 98551.86  |
|            |                     | Step G    | 48.8022 | 3904.18   | 8459.05 | 101508.58 |
|            |                     | Step H    | 50.2663 | 4021.30   | 8712.83 | 104553.90 |
|            |                     | Step I    | 51.7743 | 4141.94   | 8974.21 | 107690.54 |
|            |                     | Step J    | 53.3275 | 4266.20   | 9243.43 | 110921.20 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                      |           |         |           |          |           |
|------------|---------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 6244B      | Refuse and Stormwater Manager-B | Step A    | 64.5449 | 5163.59   | 11187.78 | 134253.39 |
|            |                                 | Step B    | 68.2806 | 5462.45   | 11835.30 | 142023.65 |
|            |                                 | Step C    | 70.3291 | 5626.33   | 12190.38 | 146284.53 |
|            |                                 | Step D    | 72.4390 | 5795.12   | 12556.09 | 150673.12 |
|            |                                 | Step E    | 74.6122 | 5968.98   | 12932.78 | 155193.38 |
|            |                                 | Step F    | 76.8506 | 6148.05   | 13320.77 | 159849.25 |
|            |                                 | Step G    | 79.1560 | 6332.48   | 13720.37 | 164644.48 |
|            |                                 | Step H    | 81.5308 | 6522.46   | 14132.01 | 169584.06 |
|            |                                 | Step I    | 83.9766 | 6718.13   | 14555.94 | 174671.33 |
|            |                                 | Step J    | 86.4959 | 6919.67   | 14992.62 | 179911.47 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name     | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------|-----------|---------|-----------|----------|-----------|
| 6450B      | Risk Manager-B | Step A    | 57.4981 | 4599.85   | 9966.34  | 119596.05 |
|            |                | Step B    | 60.8263 | 4866.10   | 10543.23 | 126518.70 |
|            |                | Step C    | 62.6511 | 5012.09   | 10859.52 | 130314.29 |
|            |                | Step D    | 64.5307 | 5162.46   | 11185.32 | 134223.86 |
|            |                | Step E    | 66.4666 | 5317.33   | 11520.88 | 138250.53 |
|            |                | Step F    | 68.4606 | 5476.85   | 11866.50 | 142398.05 |
|            |                | Step G    | 70.5144 | 5641.15   | 12222.50 | 146669.95 |
|            |                | Step H    | 72.6298 | 5810.38   | 12589.17 | 151069.98 |
|            |                | Step I    | 74.8087 | 5984.70   | 12966.84 | 155602.10 |
|            |                | Step J    | 77.0530 | 6164.24   | 13355.85 | 160270.24 |



## City of Roseville

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Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|----------------------|-----------|---------|-----------|---------|-----------|
| 6500B      | Safety Coordinator-B | Step A    | 40.9244 | 3273.95   | 7093.56 | 85122.75  |
|            |                      | Step B    | 43.2932 | 3463.46   | 7504.15 | 90049.86  |
|            |                      | Step C    | 44.5920 | 3567.36   | 7729.28 | 92751.36  |
|            |                      | Step D    | 45.9297 | 3674.38   | 7961.15 | 95533.78  |
|            |                      | Step E    | 47.3076 | 3784.61   | 8199.98 | 98399.81  |
|            |                      | Step F    | 48.7269 | 3898.15   | 8446.00 | 101351.95 |
|            |                      | Step G    | 50.1886 | 4015.09   | 8699.36 | 104392.29 |
|            |                      | Step H    | 51.6943 | 4135.54   | 8960.35 | 107524.14 |
|            |                      | Step I    | 53.2452 | 4259.62   | 9229.17 | 110750.02 |
|            |                      | Step J    | 54.8425 | 4387.40   | 9506.03 | 114072.40 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                        |           |         |           |          |           |
|------------|-----------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                        | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 7130B      | Senior Business Systems Analyst-B | Step A    | 44.6131 | 3569.05   | 7732.94  | 92795.25  |
|            |                                   | Step B    | 47.1955 | 3775.64   | 8180.55  | 98166.64  |
|            |                                   | Step C    | 48.6114 | 3888.91   | 8425.98  | 101111.71 |
|            |                                   | Step D    | 50.0697 | 4005.58   | 8678.75  | 104144.98 |
|            |                                   | Step E    | 51.5718 | 4125.74   | 8939.11  | 107269.34 |
|            |                                   | Step F    | 53.1191 | 4249.53   | 9207.31  | 110487.73 |
|            |                                   | Step G    | 54.7126 | 4377.01   | 9483.52  | 113802.21 |
|            |                                   | Step H    | 56.3540 | 4508.32   | 9768.03  | 117216.32 |
|            |                                   | Step I    | 58.0446 | 4643.57   | 10061.06 | 120732.77 |
|            |                                   | Step J    | 59.7860 | 4782.88   | 10362.91 | 124354.88 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------|-----------|---------|-----------|----------|-----------|
| 7145B      | Senior Database Analyst-B | Step A    | 44.6131 | 3569.05   | 7732.94  | 92795.25  |
|            |                           | Step B    | 47.1955 | 3775.64   | 8180.55  | 98166.64  |
|            |                           | Step C    | 48.6114 | 3888.91   | 8425.98  | 101111.71 |
|            |                           | Step D    | 50.0697 | 4005.58   | 8678.75  | 104144.98 |
|            |                           | Step E    | 51.5718 | 4125.74   | 8939.11  | 107269.34 |
|            |                           | Step F    | 53.1191 | 4249.53   | 9207.31  | 110487.73 |
|            |                           | Step G    | 54.7126 | 4377.01   | 9483.52  | 113802.21 |
|            |                           | Step H    | 56.3540 | 4508.32   | 9768.03  | 117216.32 |
|            |                           | Step I    | 58.0446 | 4643.57   | 10061.06 | 120732.77 |
|            |                           | Step J    | 59.7860 | 4782.88   | 10362.91 | 124354.88 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                    | Step Name | Hourly   | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------|-----------|----------|-----------|----------|-----------|
| 7123B      | Senior Deputy City Attorney-B | Step A    | 76.9544  | 6156.35   | 13338.76 | 160065.15 |
|            |                               | Step B    | 81.4089  | 6512.71   | 14110.88 | 169330.51 |
|            |                               | Step C    | 83.8511  | 6708.09   | 14534.19 | 174410.29 |
|            |                               | Step D    | 86.3666  | 6909.33   | 14970.21 | 179642.53 |
|            |                               | Step E    | 88.9576  | 7116.61   | 15419.32 | 185031.81 |
|            |                               | Step F    | 91.6264  | 7330.11   | 15881.91 | 190582.91 |
|            |                               | Step G    | 94.3752  | 7550.02   | 16358.37 | 196300.42 |
|            |                               | Step H    | 97.2064  | 7776.51   | 16849.11 | 202189.31 |
|            |                               | Step I    | 100.1226 | 8009.81   | 17354.58 | 208255.01 |
|            |                               | Step J    | 103.1263 | 8250.10   | 17875.23 | 214502.70 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT<br>Grade Code | Management<br>Grade Name                 | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|--------------------|------------------------------------------|-----------|---------|-----------|---------|-----------|
| 1281B              | Senior Development Services<br>Analyst-B | Step A    | 39.8919 | 3191.35   | 6914.60 | 82975.15  |
|                    |                                          | Step B    | 42.2010 | 3376.08   | 7314.84 | 87778.08  |
|                    |                                          | Step C    | 43.4671 | 3477.37   | 7534.30 | 90411.57  |
|                    |                                          | Step D    | 44.7711 | 3581.69   | 7760.32 | 93123.89  |
|                    |                                          | Step E    | 46.1142 | 3689.14   | 7993.13 | 95917.54  |
|                    |                                          | Step F    | 47.4976 | 3799.81   | 8232.92 | 98795.01  |
|                    |                                          | Step G    | 48.9226 | 3913.81   | 8479.92 | 101759.01 |
|                    |                                          | Step H    | 50.3902 | 4031.22   | 8734.30 | 104811.62 |
|                    |                                          | Step I    | 51.9019 | 4152.15   | 8996.33 | 107955.95 |
|                    |                                          | Step J    | 53.4590 | 4276.72   | 9266.23 | 111194.72 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                        | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1097B      | Senior Development Services<br>Business Analyst-B | Step A    | 43.8811 | 3510.49   | 7606.06  | 91272.69  |
|            |                                                   | Step B    | 46.4211 | 3713.69   | 8046.32  | 96555.89  |
|            |                                                   | Step C    | 47.8138 | 3825.10   | 8287.73  | 99452.70  |
|            |                                                   | Step D    | 49.2482 | 3939.86   | 8536.35  | 102436.26 |
|            |                                                   | Step E    | 50.7256 | 4058.05   | 8792.44  | 105509.25 |
|            |                                                   | Step F    | 52.2474 | 4179.79   | 9056.22  | 108674.59 |
|            |                                                   | Step G    | 53.8149 | 4305.19   | 9327.92  | 111934.99 |
|            |                                                   | Step H    | 55.4292 | 4434.34   | 9607.73  | 115292.74 |
|            |                                                   | Step I    | 57.0921 | 4567.37   | 9895.96  | 118751.57 |
|            |                                                   | Step J    | 58.8049 | 4704.39   | 10192.85 | 122314.19 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                         | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------------|-----------|---------|-----------|----------|-----------|
| 7128B      | Senior Electric Business Analyst-B | Step A    | 57.5905 | 4607.24   | 9982.35  | 119788.24 |
|            |                                    | Step B    | 60.9242 | 4873.94   | 10560.19 | 126722.34 |
|            |                                    | Step C    | 62.7519 | 5020.15   | 10877.00 | 130523.95 |
|            |                                    | Step D    | 64.6345 | 5170.76   | 11203.31 | 134439.76 |
|            |                                    | Step E    | 66.5735 | 5325.88   | 11539.41 | 138472.88 |
|            |                                    | Step F    | 68.5707 | 5485.66   | 11885.59 | 142627.06 |
|            |                                    | Step G    | 70.6278 | 5650.22   | 12242.15 | 146905.82 |
|            |                                    | Step H    | 72.7466 | 5819.73   | 12609.41 | 151312.93 |
|            |                                    | Step I    | 74.9290 | 5994.32   | 12987.69 | 155852.32 |
|            |                                    | Step J    | 77.1769 | 6174.15   | 13377.33 | 160527.95 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                                   |           |         |           |          |           |
|------------|----------------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                                   | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1023B      | Senior Electric Technology Systems Analyst-B | Step A    | 59.8944 | 4791.55   | 10381.70 | 124580.35 |
|            |                                              | Step B    | 63.3613 | 5068.90   | 10982.63 | 131791.50 |
|            |                                              | Step C    | 65.2621 | 5220.97   | 11312.10 | 135745.17 |
|            |                                              | Step D    | 67.2200 | 5377.60   | 11651.47 | 139817.60 |
|            |                                              | Step E    | 69.2366 | 5538.93   | 12001.01 | 144012.13 |
|            |                                              | Step F    | 71.3136 | 5705.09   | 12361.02 | 148332.29 |
|            |                                              | Step G    | 73.4531 | 5876.25   | 12731.87 | 152782.45 |
|            |                                              | Step H    | 75.6567 | 6052.54   | 13113.83 | 157365.94 |
|            |                                              | Step I    | 77.9264 | 6234.11   | 13507.24 | 162086.91 |
|            |                                              | Step J    | 80.2642 | 6421.14   | 13912.46 | 166949.54 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 7163B      | Senior Energy Services Account Representative-B | Step A    | 56.6845 | 4534.76   | 9825.31  | 117903.76 |
|            |                                                 | Step B    | 59.9657 | 4797.26   | 10394.05 | 124728.66 |
|            |                                                 | Step C    | 61.7647 | 4941.18   | 10705.88 | 128470.58 |
|            |                                                 | Step D    | 63.6176 | 5089.41   | 11027.05 | 132324.61 |
|            |                                                 | Step E    | 65.5262 | 5242.10   | 11357.87 | 136294.50 |
|            |                                                 | Step F    | 67.4920 | 5399.36   | 11698.61 | 140383.36 |
|            |                                                 | Step G    | 69.5167 | 5561.34   | 12049.56 | 144594.74 |
|            |                                                 | Step H    | 71.6022 | 5728.18   | 12411.05 | 148932.58 |
|            |                                                 | Step I    | 73.7503 | 5900.02   | 12783.39 | 153400.62 |
|            |                                                 | Step J    | 75.9628 | 6077.02   | 13166.89 | 158002.62 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name        | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------|-----------|---------|-----------|----------|-----------|
| 7142B      | Senior Engineer-B | Step A    | 50.9976 | 4079.81   | 8839.58  | 106075.01 |
|            |                   | Step B    | 53.9497 | 4315.98   | 9351.28  | 112215.38 |
|            |                   | Step C    | 55.5682 | 4445.46   | 9631.82  | 115581.86 |
|            |                   | Step D    | 57.2352 | 4578.82   | 9920.77  | 119049.22 |
|            |                   | Step E    | 58.9522 | 4716.18   | 10218.38 | 122620.58 |
|            |                   | Step F    | 60.7208 | 4857.66   | 10524.94 | 126299.26 |
|            |                   | Step G    | 62.5424 | 5003.39   | 10840.68 | 130088.19 |
|            |                   | Step H    | 64.4187 | 5153.50   | 11165.91 | 133990.90 |
|            |                   | Step I    | 66.3513 | 5308.10   | 11500.89 | 138010.70 |
|            |                   | Step J    | 68.3418 | 5467.34   | 11845.91 | 142150.94 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1065B      | Senior Environmental Utilities<br>Business Analyst-B | Step A    | 47.2647 | 3781.18   | 8192.55  | 98310.58  |
|            |                                                      | Step B    | 50.0005 | 4000.04   | 8666.75  | 104001.04 |
|            |                                                      | Step C    | 51.5005 | 4120.04   | 8926.75  | 107121.04 |
|            |                                                      | Step D    | 53.0455 | 4243.64   | 9194.55  | 110334.64 |
|            |                                                      | Step E    | 54.6369 | 4370.95   | 9470.40  | 113644.75 |
|            |                                                      | Step F    | 56.2760 | 4502.08   | 9754.51  | 117054.08 |
|            |                                                      | Step G    | 57.9643 | 4637.14   | 10047.15 | 120565.74 |
|            |                                                      | Step H    | 59.7032 | 4776.26   | 10348.55 | 124182.66 |
|            |                                                      | Step I    | 61.4943 | 4919.54   | 10659.01 | 127908.14 |
|            |                                                      | Step J    | 63.3391 | 5067.13   | 10978.78 | 131745.33 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------|-----------|---------|-----------|----------|-----------|
| 7161B      | Senior GIS Analyst-B | Step A    | 43.6911 | 3495.29   | 7573.12  | 90877.49  |
|            |                      | Step B    | 46.2201 | 3697.61   | 8011.48  | 96137.81  |
|            |                      | Step C    | 47.6067 | 3808.54   | 8251.83  | 99021.94  |
|            |                      | Step D    | 49.0349 | 3922.79   | 8499.38  | 101992.59 |
|            |                      | Step E    | 50.5060 | 4040.48   | 8754.37  | 105052.48 |
|            |                      | Step F    | 52.0211 | 4161.69   | 9016.99  | 108203.89 |
|            |                      | Step G    | 53.5818 | 4286.54   | 9287.51  | 111450.14 |
|            |                      | Step H    | 55.1892 | 4415.14   | 9566.13  | 114793.54 |
|            |                      | Step I    | 56.8449 | 4547.59   | 9853.12  | 118237.39 |
|            |                      | Step J    | 58.5503 | 4684.02   | 10148.72 | 121784.62 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------|-----------|---------|-----------|----------|-----------|
| 7150B      | Senior Human Resources Analyst-B | Step A    | 45.4521 | 3636.17   | 7878.36  | 94540.37  |
|            |                                  | Step B    | 48.0828 | 3846.62   | 8334.35  | 100012.22 |
|            |                                  | Step C    | 49.5253 | 3962.02   | 8584.39  | 103012.62 |
|            |                                  | Step D    | 51.0110 | 4080.88   | 8841.91  | 106102.88 |
|            |                                  | Step E    | 52.5414 | 4203.31   | 9107.18  | 109286.11 |
|            |                                  | Step F    | 54.1177 | 4329.42   | 9380.40  | 112564.82 |
|            |                                  | Step G    | 55.7412 | 4459.30   | 9661.81  | 115941.70 |
|            |                                  | Step H    | 57.4133 | 4593.06   | 9951.64  | 119419.66 |
|            |                                  | Step I    | 59.1357 | 4730.86   | 10250.19 | 123002.26 |
|            |                                  | Step J    | 60.9099 | 4872.79   | 10557.72 | 126692.59 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-----------------------------------------|-----------|---------|-----------|----------|-----------|
| 7194B      | Senior Information Technology Analyst-B | Step A    | 44.6131 | 3569.05   | 7732.94  | 92795.25  |
|            |                                         | Step B    | 47.1955 | 3775.64   | 8180.55  | 98166.64  |
|            |                                         | Step C    | 48.6114 | 3888.91   | 8425.98  | 101111.71 |
|            |                                         | Step D    | 50.0697 | 4005.58   | 8678.75  | 104144.98 |
|            |                                         | Step E    | 51.5718 | 4125.74   | 8939.11  | 107269.34 |
|            |                                         | Step F    | 53.1191 | 4249.53   | 9207.31  | 110487.73 |
|            |                                         | Step G    | 54.7126 | 4377.01   | 9483.52  | 113802.21 |
|            |                                         | Step H    | 56.3540 | 4508.32   | 9768.03  | 117216.32 |
|            |                                         | Step I    | 58.0446 | 4643.57   | 10061.06 | 120732.77 |
|            |                                         | Step J    | 59.7860 | 4782.88   | 10362.91 | 124354.88 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1119B      | Senior Park Development Project Manager-B | Step A    | 45.0167 | 3601.34   | 7802.89  | 93634.74  |
|            |                                           | Step B    | 47.6225 | 3809.80   | 8254.57  | 99054.80  |
|            |                                           | Step C    | 49.0512 | 3924.10   | 8502.21  | 102026.50 |
|            |                                           | Step D    | 50.5227 | 4041.82   | 8757.27  | 105087.22 |
|            |                                           | Step E    | 52.0384 | 4163.07   | 9019.99  | 108239.87 |
|            |                                           | Step F    | 53.5995 | 4287.96   | 9290.58  | 111486.96 |
|            |                                           | Step G    | 55.2075 | 4416.60   | 9569.30  | 114831.60 |
|            |                                           | Step H    | 56.8637 | 4549.10   | 9856.37  | 118276.50 |
|            |                                           | Step I    | 58.5697 | 4685.58   | 10152.08 | 121824.98 |
|            |                                           | Step J    | 60.3268 | 4826.14   | 10456.65 | 125479.74 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------|-----------|---------|-----------|----------|-----------|
| 7180B      | Senior Planner-B | Step A    | 46.3003 | 3704.02   | 8025.39  | 96304.62  |
|            |                  | Step B    | 48.9804 | 3918.43   | 8489.94  | 101879.23 |
|            |                  | Step C    | 50.4498 | 4035.98   | 8744.63  | 104935.58 |
|            |                  | Step D    | 51.9632 | 4157.06   | 9006.95  | 108083.46 |
|            |                  | Step E    | 53.5221 | 4281.77   | 9277.16  | 111325.97 |
|            |                  | Step F    | 55.1278 | 4410.22   | 9555.49  | 114665.82 |
|            |                  | Step G    | 56.7816 | 4542.53   | 9842.14  | 118105.73 |
|            |                  | Step H    | 58.4851 | 4678.81   | 10137.42 | 121649.01 |
|            |                  | Step I    | 60.2396 | 4819.17   | 10441.53 | 125298.37 |
|            |                  | Step J    | 62.0468 | 4963.74   | 10754.78 | 129057.34 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------|-----------|---------|-----------|----------|-----------|
| 7151B      | Senior Power Engineer-B | Step A    | 71.0796 | 5686.37   | 12320.46 | 147845.57 |
|            |                         | Step B    | 75.1940 | 6015.52   | 13033.63 | 156403.52 |
|            |                         | Step C    | 77.4497 | 6195.98   | 13424.61 | 161095.38 |
|            |                         | Step D    | 79.7733 | 6381.86   | 13827.37 | 165928.46 |
|            |                         | Step E    | 82.1664 | 6573.31   | 14242.18 | 170906.11 |
|            |                         | Step F    | 84.6314 | 6770.51   | 14669.44 | 176033.31 |
|            |                         | Step G    | 87.1704 | 6973.63   | 15109.54 | 181314.43 |
|            |                         | Step H    | 89.7855 | 7182.84   | 15562.82 | 186753.84 |
|            |                         | Step I    | 92.4791 | 7398.33   | 16029.71 | 192356.53 |
|            |                         | Step J    | 95.2534 | 7620.27   | 16510.59 | 198127.07 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT Management |                               |           |         |           |          |           |
|-----------------|-------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code      | Grade Name                    | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 5555B           | Senior Power Plant Engineer-B | Step A    | 71.0796 | 5686.37   | 12320.46 | 147845.57 |
|                 |                               | Step B    | 75.1940 | 6015.52   | 13033.63 | 156403.52 |
|                 |                               | Step C    | 77.4497 | 6195.98   | 13424.61 | 161095.38 |
|                 |                               | Step D    | 79.7733 | 6381.86   | 13827.37 | 165928.46 |
|                 |                               | Step E    | 82.1664 | 6573.31   | 14242.18 | 170906.11 |
|                 |                               | Step F    | 84.6314 | 6770.51   | 14669.44 | 176033.31 |
|                 |                               | Step G    | 87.1704 | 6973.63   | 15109.54 | 181314.43 |
|                 |                               | Step H    | 89.7855 | 7182.84   | 15562.82 | 186753.84 |
|                 |                               | Step I    | 92.4791 | 7398.33   | 16029.71 | 192356.53 |
|                 |                               | Step J    | 95.2534 | 7620.27   | 16510.59 | 198127.07 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                       | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------|-----------|---------|-----------|----------|-----------|
| 1029B      | Senior Utility Billing Analyst-B | Step A    | 44.5864 | 3566.91   | 7728.31  | 92739.71  |
|            |                                  | Step B    | 47.1673 | 3773.38   | 8175.67  | 98107.98  |
|            |                                  | Step C    | 48.5823 | 3886.58   | 8420.93  | 101051.18 |
|            |                                  | Step D    | 50.0397 | 4003.18   | 8673.55  | 104082.58 |
|            |                                  | Step E    | 51.5410 | 4123.28   | 8933.77  | 107205.28 |
|            |                                  | Step F    | 53.0871 | 4246.97   | 9201.76  | 110421.17 |
|            |                                  | Step G    | 54.6798 | 4374.38   | 9477.83  | 113733.98 |
|            |                                  | Step H    | 56.3202 | 4505.62   | 9762.17  | 117146.02 |
|            |                                  | Step I    | 58.0098 | 4640.78   | 10055.03 | 120660.38 |
|            |                                  | Step J    | 59.7501 | 4780.01   | 10356.68 | 124280.21 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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| MGMT       | Management                   |           |         |           |          |           |
|------------|------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                   | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1073B      | Street Maintenance Manager-B | Step A    | 57.0743 | 4565.94   | 9892.88  | 118714.54 |
|            |                              | Step B    | 60.3780 | 4830.24   | 10465.52 | 125586.24 |
|            |                              | Step C    | 62.1893 | 4975.14   | 10779.48 | 129353.74 |
|            |                              | Step D    | 64.0549 | 5124.39   | 11102.85 | 133234.19 |
|            |                              | Step E    | 65.9767 | 5278.14   | 11435.96 | 137231.54 |
|            |                              | Step F    | 67.9560 | 5436.48   | 11779.04 | 141348.48 |
|            |                              | Step G    | 69.9946 | 5599.57   | 12132.40 | 145588.77 |
|            |                              | Step H    | 72.0944 | 5767.55   | 12496.36 | 149956.35 |
|            |                              | Step I    | 74.2573 | 5940.58   | 12871.27 | 154455.18 |
|            |                              | Step J    | 76.4850 | 6118.80   | 13257.40 | 159088.80 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
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#### MGMT Management

| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|---------------------------------|-----------|---------|-----------|---------|-----------|
| 7522B      | Street Maintenance Supervisor-B | Step A    | 37.0884 | 2967.07   | 6428.66 | 77143.87  |
|            |                                 | Step B    | 39.2352 | 3138.82   | 6800.77 | 81609.22  |
|            |                                 | Step C    | 40.4122 | 3232.98   | 7004.78 | 84057.38  |
|            |                                 | Step D    | 41.6246 | 3329.97   | 7214.93 | 86579.17  |
|            |                                 | Step E    | 42.8733 | 3429.86   | 7431.37 | 89176.46  |
|            |                                 | Step F    | 44.1595 | 3532.76   | 7654.31 | 91851.76  |
|            |                                 | Step G    | 45.4843 | 3638.74   | 7883.95 | 94607.34  |
|            |                                 | Step H    | 46.8489 | 3747.91   | 8120.48 | 97445.71  |
|            |                                 | Step I    | 48.2543 | 3860.34   | 8364.08 | 100368.94 |
|            |                                 | Step J    | 49.7019 | 3976.15   | 8615.00 | 103379.95 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                      |           |         |           |          |           |
|------------|---------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 1110B      | Transit Operations Supervisor-B | Step A    | 45.0168 | 3601.34   | 7802.91  | 93634.94  |
|            |                                 | Step B    | 47.6225 | 3809.80   | 8254.57  | 99054.80  |
|            |                                 | Step C    | 49.0512 | 3924.10   | 8502.21  | 102026.50 |
|            |                                 | Step D    | 50.5227 | 4041.82   | 8757.27  | 105087.22 |
|            |                                 | Step E    | 52.0383 | 4163.06   | 9019.97  | 108239.66 |
|            |                                 | Step F    | 53.5995 | 4287.96   | 9290.58  | 111486.96 |
|            |                                 | Step G    | 55.2075 | 4416.60   | 9569.30  | 114831.60 |
|            |                                 | Step H    | 56.8637 | 4549.10   | 9856.37  | 118276.50 |
|            |                                 | Step I    | 58.5697 | 4685.58   | 10152.08 | 121824.98 |
|            |                                 | Step J    | 60.3267 | 4826.14   | 10456.63 | 125479.54 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name       | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|------------------|-----------|---------|-----------|---------|-----------|
| 8762B      | Urban Forester-B | Step A    | 38.8334 | 3106.67   | 6731.12 | 80773.47  |
|            |                  | Step B    | 41.0810 | 3286.48   | 7120.71 | 85448.48  |
|            |                  | Step C    | 42.3134 | 3385.07   | 7334.32 | 88011.87  |
|            |                  | Step D    | 43.5829 | 3486.63   | 7554.37 | 90652.43  |
|            |                  | Step E    | 44.8904 | 3591.23   | 7781.00 | 93372.03  |
|            |                  | Step F    | 46.2370 | 3698.96   | 8014.41 | 96172.96  |
|            |                  | Step G    | 47.6242 | 3809.94   | 8254.86 | 99058.34  |
|            |                  | Step H    | 49.0530 | 3924.24   | 8502.52 | 102030.24 |
|            |                  | Step I    | 50.5246 | 4041.97   | 8757.60 | 105091.17 |
|            |                  | Step J    | 52.0402 | 4163.22   | 9020.30 | 108243.62 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                           |           |         |           |          |           |
|------------|--------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                           | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 0920B      | Utility Billing Operations Manager-B | Step A    | 57.8472 | 4627.78   | 10026.85 | 120322.18 |
|            |                                      | Step B    | 61.1956 | 4895.65   | 10607.24 | 127286.85 |
|            |                                      | Step C    | 63.0315 | 5042.52   | 10925.46 | 131105.52 |
|            |                                      | Step D    | 64.9224 | 5193.79   | 11253.22 | 135038.59 |
|            |                                      | Step E    | 66.8701 | 5349.61   | 11590.82 | 139089.81 |
|            |                                      | Step F    | 68.8762 | 5510.10   | 11938.54 | 143262.50 |
|            |                                      | Step G    | 70.9426 | 5675.41   | 12296.72 | 147560.61 |
|            |                                      | Step H    | 73.0708 | 5845.66   | 12665.61 | 151987.26 |
|            |                                      | Step I    | 75.2630 | 6021.04   | 13045.59 | 156547.04 |
|            |                                      | Step J    | 77.5208 | 6201.66   | 13436.94 | 161243.26 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                         | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1041B      | Utility Billing and Field Services<br>Supervisor-B | Step A    | 44.1208 | 3529.66   | 7647.61  | 91771.26  |
|            |                                                    | Step B    | 46.6746 | 3733.97   | 8090.26  | 97083.17  |
|            |                                                    | Step C    | 48.0748 | 3845.98   | 8332.97  | 99995.58  |
|            |                                                    | Step D    | 49.5171 | 3961.37   | 8582.96  | 102995.57 |
|            |                                                    | Step E    | 51.0026 | 4080.21   | 8840.45  | 106085.41 |
|            |                                                    | Step F    | 52.5327 | 4202.62   | 9105.67  | 109268.02 |
|            |                                                    | Step G    | 54.1087 | 4328.70   | 9378.84  | 112546.10 |
|            |                                                    | Step H    | 55.7319 | 4458.55   | 9660.20  | 115922.35 |
|            |                                                    | Step I    | 57.4039 | 4592.31   | 9950.01  | 119400.11 |
|            |                                                    | Step J    | 59.1260 | 4730.08   | 10248.51 | 122982.08 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                            |           |         |           |         |          |
|------------|---------------------------------------|-----------|---------|-----------|---------|----------|
| Grade Code | Grade Name                            | Step Name | Hourly  | Bi-Weekly | Monthly | Annual   |
| 1042B      | Utility Customer Service Supervisor-B | Step A    | 32.1431 | 2571.45   | 5571.47 | 66857.65 |
|            |                                       | Step B    | 34.0036 | 2720.29   | 5893.96 | 70727.49 |
|            |                                       | Step C    | 35.0237 | 2801.90   | 6070.77 | 72849.30 |
|            |                                       | Step D    | 36.0744 | 2885.95   | 6252.90 | 75034.75 |
|            |                                       | Step E    | 37.1567 | 2972.54   | 6440.49 | 77285.94 |
|            |                                       | Step F    | 38.2714 | 3061.71   | 6633.71 | 79604.51 |
|            |                                       | Step G    | 39.4196 | 3153.57   | 6832.73 | 81992.77 |
|            |                                       | Step H    | 40.6021 | 3248.17   | 7037.70 | 84452.37 |
|            |                                       | Step I    | 41.8202 | 3345.62   | 7248.83 | 86986.02 |
|            |                                       | Step J    | 43.0748 | 3445.98   | 7466.30 | 89595.58 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT<br>Grade Code | Management<br>Grade Name                | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|--------------------|-----------------------------------------|-----------|---------|-----------|---------|-----------|
| 1102B              | Utility Exploration Center Supervisor-B | Step A    | 38.3480 | 3067.84   | 6646.99 | 79763.84  |
|                    |                                         | Step B    | 40.5672 | 3245.38   | 7031.65 | 84379.78  |
|                    |                                         | Step C    | 41.7842 | 3342.74   | 7242.59 | 86911.14  |
|                    |                                         | Step D    | 43.0377 | 3443.02   | 7459.87 | 89518.42  |
|                    |                                         | Step E    | 44.3289 | 3546.31   | 7683.68 | 92204.11  |
|                    |                                         | Step F    | 45.6587 | 3652.70   | 7914.17 | 94970.10  |
|                    |                                         | Step G    | 47.0285 | 3762.28   | 8151.61 | 97819.28  |
|                    |                                         | Step H    | 48.4393 | 3875.14   | 8396.15 | 100753.74 |
|                    |                                         | Step I    | 49.8925 | 3991.40   | 8648.03 | 103776.40 |
|                    |                                         | Step J    | 51.3897 | 4111.18   | 8907.55 | 106890.58 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                      | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------------------------|-----------|---------|-----------|----------|-----------|
| 1646B      | Utility Government Relations<br>Administrator-B | Step A    | 49.1077 | 3928.62   | 8512.00  | 102144.02 |
|            |                                                 | Step B    | 51.9501 | 4156.01   | 9004.68  | 108056.21 |
|            |                                                 | Step C    | 53.5086 | 4280.69   | 9274.82  | 111297.89 |
|            |                                                 | Step D    | 55.1139 | 4409.11   | 9553.08  | 114636.91 |
|            |                                                 | Step E    | 56.7673 | 4541.38   | 9839.67  | 118075.98 |
|            |                                                 | Step F    | 58.4703 | 4677.62   | 10134.85 | 121618.22 |
|            |                                                 | Step G    | 60.2244 | 4817.95   | 10438.90 | 125266.75 |
|            |                                                 | Step H    | 62.0311 | 4962.49   | 10752.06 | 129024.69 |
|            |                                                 | Step I    | 63.8921 | 5111.37   | 11074.63 | 132895.57 |
|            |                                                 | Step J    | 65.8089 | 5264.71   | 11406.88 | 136882.51 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------------------------|-----------|---------|-----------|----------|-----------|
| 8980B      | Wastewater Collection<br>Superintendent-B | Step A    | 47.9372 | 3834.98   | 8309.11  | 99709.38  |
|            |                                           | Step B    | 50.7120 | 4056.96   | 8790.08  | 105480.96 |
|            |                                           | Step C    | 52.2333 | 4178.66   | 9053.77  | 108645.26 |
|            |                                           | Step D    | 53.8003 | 4304.02   | 9325.39  | 111904.62 |
|            |                                           | Step E    | 55.4144 | 4433.15   | 9605.16  | 115261.95 |
|            |                                           | Step F    | 57.0768 | 4566.14   | 9893.31  | 118719.74 |
|            |                                           | Step G    | 58.7891 | 4703.13   | 10190.11 | 122281.33 |
|            |                                           | Step H    | 60.5527 | 4844.22   | 10495.80 | 125949.62 |
|            |                                           | Step I    | 62.3693 | 4989.54   | 10810.68 | 129728.14 |
|            |                                           | Step J    | 64.2404 | 5139.23   | 11135.00 | 133620.03 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                         | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|------------------------------------|-----------|---------|-----------|---------|-----------|
| 8978B      | Wastewater Collection Supervisor-B | Step A    | 39.9500 | 3196.00   | 6924.67 | 83096.00  |
|            |                                    | Step B    | 42.2621 | 3380.97   | 7325.43 | 87905.17  |
|            |                                    | Step C    | 43.5300 | 3482.40   | 7545.20 | 90542.40  |
|            |                                    | Step D    | 44.8359 | 3586.87   | 7771.56 | 93258.67  |
|            |                                    | Step E    | 46.1809 | 3694.47   | 8004.69 | 96056.27  |
|            |                                    | Step F    | 47.5664 | 3805.31   | 8244.84 | 98938.11  |
|            |                                    | Step G    | 48.9934 | 3919.47   | 8492.19 | 101906.27 |
|            |                                    | Step H    | 50.4632 | 4037.06   | 8746.95 | 104963.46 |
|            |                                    | Step I    | 51.9771 | 4158.17   | 9009.36 | 108112.37 |
|            |                                    | Step J    | 53.5364 | 4282.91   | 9279.64 | 111355.71 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                                  | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|---------------------------------------------|-----------|---------|-----------|----------|-----------|
| 9040B      | Wastewater Treatment Plant Chief Operator-B | Step A    | 52.7315 | 4218.52   | 9140.13  | 109681.52 |
|            |                                             | Step B    | 55.7836 | 4462.69   | 9669.16  | 116029.89 |
|            |                                             | Step C    | 57.4572 | 4596.58   | 9959.25  | 119510.98 |
|            |                                             | Step D    | 59.1809 | 4734.47   | 10258.02 | 123096.27 |
|            |                                             | Step E    | 60.9563 | 4876.50   | 10565.76 | 126789.10 |
|            |                                             | Step F    | 62.7850 | 5022.80   | 10882.73 | 130592.80 |
|            |                                             | Step G    | 64.6686 | 5173.49   | 11209.22 | 134510.69 |
|            |                                             | Step H    | 66.6087 | 5328.70   | 11545.51 | 138546.10 |
|            |                                             | Step I    | 68.6069 | 5488.55   | 11891.86 | 142702.35 |
|            |                                             | Step J    | 70.6651 | 5653.21   | 12248.62 | 146983.41 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                   | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|------------------------------|-----------|---------|-----------|----------|-----------|
| 9045B      | Wastewater Utility Manager-B | Step A    | 64.5449 | 5163.59   | 11187.78 | 134253.39 |
|            |                              | Step B    | 68.2806 | 5462.45   | 11835.30 | 142023.65 |
|            |                              | Step C    | 70.3291 | 5626.33   | 12190.38 | 146284.53 |
|            |                              | Step D    | 72.4390 | 5795.12   | 12556.09 | 150673.12 |
|            |                              | Step E    | 74.6122 | 5968.98   | 12932.78 | 155193.38 |
|            |                              | Step F    | 76.8506 | 6148.05   | 13320.77 | 159849.25 |
|            |                              | Step G    | 79.1560 | 6332.48   | 13720.37 | 164644.48 |
|            |                              | Step H    | 81.5308 | 6522.46   | 14132.01 | 169584.06 |
|            |                              | Step I    | 83.9766 | 6718.13   | 14555.94 | 174671.33 |
|            |                              | Step J    | 86.4959 | 6919.67   | 14992.62 | 179911.47 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                         |           |         |           |          |           |
|------------|------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                         | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 9047B      | Water Conservation Administrator-B | Step A    | 43.9422 | 3515.38   | 7616.65  | 91399.78  |
|            |                                    | Step B    | 46.4860 | 3718.88   | 8057.57  | 96690.88  |
|            |                                    | Step C    | 47.8805 | 3830.44   | 8299.29  | 99591.44  |
|            |                                    | Step D    | 49.3170 | 3945.36   | 8548.28  | 102579.36 |
|            |                                    | Step E    | 50.7964 | 4063.71   | 8804.71  | 105656.51 |
|            |                                    | Step F    | 52.3204 | 4185.63   | 9068.87  | 108826.43 |
|            |                                    | Step G    | 53.8899 | 4311.19   | 9340.92  | 112090.99 |
|            |                                    | Step H    | 55.5067 | 4440.54   | 9621.16  | 115453.94 |
|            |                                    | Step I    | 57.1718 | 4573.74   | 9909.78  | 118917.34 |
|            |                                    | Step J    | 58.8870 | 4710.96   | 10207.08 | 122484.96 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                          |           |         |           |          |           |
|------------|-------------------------------------|-----------|---------|-----------|----------|-----------|
| Grade Code | Grade Name                          | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
| 9085B      | Water Distribution Superintendent-B | Step A    | 47.2302 | 3778.42   | 8186.57  | 98238.82  |
|            |                                     | Step B    | 50.7120 | 4056.96   | 8790.08  | 105480.96 |
|            |                                     | Step C    | 52.2333 | 4178.66   | 9053.77  | 108645.26 |
|            |                                     | Step D    | 53.8003 | 4304.02   | 9325.39  | 111904.62 |
|            |                                     | Step E    | 55.4144 | 4433.15   | 9605.16  | 115261.95 |
|            |                                     | Step F    | 57.0768 | 4566.14   | 9893.31  | 118719.74 |
|            |                                     | Step G    | 58.7891 | 4703.13   | 10190.11 | 122281.33 |
|            |                                     | Step H    | 60.5527 | 4844.22   | 10495.80 | 125949.62 |
|            |                                     | Step I    | 62.3693 | 4989.54   | 10810.68 | 129728.14 |
|            |                                     | Step J    | 64.2404 | 5139.23   | 11135.00 | 133620.03 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                      | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
|------------|---------------------------------|-----------|---------|-----------|---------|-----------|
| 9084B      | Water Distribution Supervisor-B | Step A    | 39.9499 | 3195.99   | 6924.65 | 83095.79  |
|            |                                 | Step B    | 42.2621 | 3380.97   | 7325.43 | 87905.17  |
|            |                                 | Step C    | 43.5300 | 3482.40   | 7545.20 | 90542.40  |
|            |                                 | Step D    | 44.8359 | 3586.87   | 7771.56 | 93258.67  |
|            |                                 | Step E    | 46.1809 | 3694.47   | 8004.69 | 96056.27  |
|            |                                 | Step F    | 47.5664 | 3805.31   | 8244.84 | 98938.11  |
|            |                                 | Step G    | 48.9934 | 3919.47   | 8492.19 | 101906.27 |
|            |                                 | Step H    | 50.4632 | 4037.06   | 8746.95 | 104963.46 |
|            |                                 | Step I    | 51.9771 | 4158.17   | 9009.36 | 108112.37 |
|            |                                 | Step J    | 53.5364 | 4282.91   | 9279.64 | 111355.71 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

| MGMT       | Management                     |           |         |           |         |           |
|------------|--------------------------------|-----------|---------|-----------|---------|-----------|
| Grade Code | Grade Name                     | Step Name | Hourly  | Bi-Weekly | Monthly | Annual    |
| 9101B      | Water Quality Lab Supervisor-B | Step A    | 41.9458 | 3355.66   | 7270.61 | 87247.26  |
|            |                                | Step B    | 44.3736 | 3549.89   | 7691.42 | 92297.09  |
|            |                                | Step C    | 45.7048 | 3656.38   | 7922.17 | 95065.98  |
|            |                                | Step D    | 47.0759 | 3766.07   | 8159.82 | 97917.87  |
|            |                                | Step E    | 48.4882 | 3879.06   | 8404.62 | 100855.46 |
|            |                                | Step F    | 49.9429 | 3995.43   | 8656.77 | 103881.23 |
|            |                                | Step G    | 51.4412 | 4115.30   | 8916.47 | 106997.70 |
|            |                                | Step H    | 52.9844 | 4238.75   | 9183.96 | 110207.55 |
|            |                                | Step I    | 54.5739 | 4365.91   | 9459.48 | 113513.71 |
|            |                                | Step J    | 56.2112 | 4496.90   | 9743.27 | 116919.30 |





## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name                             | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|----------------------------------------|-----------|---------|-----------|----------|-----------|
| 9175B      | Water Treatment Plant Chief Operator-B | Step A    | 47.9376 | 3835.01   | 8309.18  | 99710.21  |
|            |                                        | Step B    | 50.7125 | 4057.00   | 8790.17  | 105482.00 |
|            |                                        | Step C    | 52.2339 | 4178.71   | 9053.88  | 108646.51 |
|            |                                        | Step D    | 53.8009 | 4304.07   | 9325.49  | 111905.87 |
|            |                                        | Step E    | 55.4149 | 4433.19   | 9605.25  | 115262.99 |
|            |                                        | Step F    | 57.0773 | 4566.18   | 9893.40  | 118720.78 |
|            |                                        | Step G    | 58.7897 | 4703.18   | 10190.21 | 122282.58 |
|            |                                        | Step H    | 60.5533 | 4844.26   | 10495.91 | 125950.86 |
|            |                                        | Step I    | 62.3699 | 4989.59   | 10810.78 | 129729.39 |
|            |                                        | Step J    | 64.2411 | 5139.29   | 11135.12 | 133621.49 |



## City of Roseville

### Salary Schedule: Management-B

Appendix:I  
Effective Date:08/26/2023

#### MGMT Management

| Grade Code | Grade Name              | Step Name | Hourly  | Bi-Weekly | Monthly  | Annual    |
|------------|-------------------------|-----------|---------|-----------|----------|-----------|
| 9244B      | Water Utility Manager-B | Step A    | 64.5449 | 5163.59   | 11187.78 | 134253.39 |
|            |                         | Step B    | 68.2806 | 5462.45   | 11835.30 | 142023.65 |
|            |                         | Step C    | 70.3291 | 5626.33   | 12190.38 | 146284.53 |
|            |                         | Step D    | 72.4390 | 5795.12   | 12556.09 | 150673.12 |
|            |                         | Step E    | 74.6122 | 5968.98   | 12932.78 | 155193.38 |
|            |                         | Step F    | 76.8506 | 6148.05   | 13320.77 | 159849.25 |
|            |                         | Step G    | 79.1560 | 6332.48   | 13720.37 | 164644.48 |
|            |                         | Step H    | 81.5308 | 6522.46   | 14132.01 | 169584.06 |
|            |                         | Step I    | 83.9766 | 6718.13   | 14555.94 | 174671.33 |
|            |                         | Step J    | 86.4959 | 6919.67   | 14992.62 | 179911.47 |

ORDINANCE NO. 6702

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING  
ORDINANCE NO. 6696, THE SALARY ORDINANCE FOR SEASONAL/TEMPORARY  
EMPLOYEES, AS AMENDED BY APPENDIX “R” TO BE EFFECTIVE  
AUGUST 26, 2023, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6696, the Salary Ordinance for Seasonal/Temporary Employees, is hereby amended as shown on Appendix “R” attached hereto.

ADDITION OF CLASSIFICATION

| <u>Classification No.</u> | <u>Position Title</u>         | <u>Hourly Rate</u> |
|---------------------------|-------------------------------|--------------------|
| 1127                      | Community Outreach Specialist | \$41.20            |

AMENDMENT OF CLASSIFICATION

| <u>Classification No.</u> | <u>Position Title</u>    | <u>Hourly Rate</u> |
|---------------------------|--------------------------|--------------------|
| 6252                      | Reserve Police Officer I | \$52.16            |

DELETION OF CLASSIFICATION

| <u>Classification No.</u> | <u>Position Title</u>    | <u>Hourly Rate</u> |
|---------------------------|--------------------------|--------------------|
| 9526                      | Police Reserve Officer I | \$18.84            |

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective August 26, 2023, as an urgency measure.

SECTION 3. Urgency Ordinance.

This ordinance is hereby declared to be an urgency measure, immediately necessary for the public peace, health and safety and shall take effect August 26, 2023. A statement of urgency is as follows:

It is necessary to amend the Salary Ordinance to comply with recently approved changes for the orderly and necessary continuance of operations of the City.

SECTION 4. Posting.

The City Clerk is hereby authorized and directed to post a true copy of the foregoing ordinance in each of three (3) conspicuous locations in the City and she shall immediately after such posting enter in the Ordinance Book under the record of the ordinance a certificate under her hand stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by the following vote on roll call:

AYES            COUNCILMEMBERS:

NOES            COUNCILMEMBERS:

ABSENT        COUNCILMEMBERS:

ATTEST:

\_\_\_\_\_  
MAYOR

\_\_\_\_\_  
City Clerk



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

| TEMP       | Temporary                              |           |         |
|------------|----------------------------------------|-----------|---------|
| Grade Code | Grade Name                             | Step Name | Hourly  |
| CI30       | Activity Instructor                    | Step A    | 0.0000  |
| 3745       | Aqua Fitness Instructor I              | Step A    | 38.0000 |
| 3747       | Aqua Fitness Instructor II             | Step A    | 51.0000 |
| 1100       | Aquatics Facilities Maintenance Worker | Step A    | 18.0000 |
|            |                                        | Step B    | 18.4445 |
|            |                                        | Step C    | 18.9000 |
|            |                                        | Step D    | 19.3667 |
|            |                                        | Step E    | 19.8450 |
|            |                                        | Step F    | 20.3351 |
|            |                                        | Step G    | 20.8373 |
|            |                                        | Step H    | 21.3518 |
|            |                                        | Step I    | 21.8791 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name                | Step Name | Hourly  |
|------------|---------------------------|-----------|---------|
| 9503       | Assistant Pool Manager I  | Step A    | 19.1009 |
|            |                           | Step B    | 0.0000  |
|            |                           | Step C    | 0.0000  |
|            |                           | Step D    | 0.0000  |
|            |                           | Step E    | 0.0000  |
|            |                           | Step F    | 0.0000  |
|            |                           | Step G    | 0.0000  |
|            |                           | Step H    | 0.0000  |
|            |                           | Step I    | 0.0000  |
| 1077       | Assistant Pool Manager II | Step A    | 20.0556 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name                    | Step Name | Hourly  |
|------------|-------------------------------|-----------|---------|
| 9505       | Building Inspection Assistant | Step A    | 15.5000 |
|            |                               | Step B    | 15.8828 |
|            |                               | Step C    | 16.2750 |
|            |                               | Step D    | 16.6769 |
|            |                               | Step E    | 17.0888 |
|            |                               | Step F    | 17.5108 |
|            |                               | Step G    | 17.9432 |
|            |                               | Step H    | 18.3863 |
|            |                               | Step I    | 18.8404 |
| 9507       | Child Care Aide               | Step A    | 15.7500 |
|            |                               | Step B    | 16.1389 |
|            |                               | Step C    | 16.5375 |
|            |                               | Step D    | 16.9459 |
|            |                               | Step E    | 17.3644 |
|            |                               | Step F    | 17.7932 |
|            |                               | Step G    | 18.2326 |
|            |                               | Step H    | 0.0000  |
|            |                               | Step I    | 0.0000  |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name                   | Step Name | Hourly  |
|------------|------------------------------|-----------|---------|
| 9506       | Child Care Program Assistant | Step A    | 18.9939 |
|            |                              | Step B    | 19.4630 |
|            |                              | Step C    | 19.9436 |
|            |                              | Step D    | 20.4361 |
|            |                              | Step E    | 20.9408 |
|            |                              | Step F    | 21.4579 |
|            |                              | Step G    | 21.9879 |
|            |                              | Step H    | 0.0000  |
|            |                              | Step I    | 0.0000  |
| 1010       | Child Care Program Leader    | Step A    | 22.7928 |
|            |                              | Step B    | 23.3557 |
|            |                              | Step C    | 23.9324 |
|            |                              | Step D    | 24.5235 |
|            |                              | Step E    | 25.1291 |
|            |                              | Step F    | 25.7496 |
|            |                              | Step G    | 26.3855 |
|            |                              | Step H    | 0.0000  |
|            |                              | Step I    | 0.0000  |





## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name         |
|------------|--------------------|
| 9508       | Child Care Teacher |

| Step Name | Hourly  |
|-----------|---------|
| Step A    | 16.5375 |
| Step B    | 16.9459 |
| Step C    | 17.3644 |
| Step D    | 17.7932 |
| Step E    | 18.2326 |
| Step F    | 18.6829 |
| Step G    | 19.1442 |
| Step H    | 0.0000  |
| Step I    | 0.0000  |

|      |                  |
|------|------------------|
| CI10 | Class Instructor |
|------|------------------|

|        |        |
|--------|--------|
| Step A | 0.0000 |
|--------|--------|



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

TEMP Temporary

Grade Code Grade Name

1230 College Intern

Step Name Hourly

Step A 15.5000

Step B 16.2750

Step C 17.0888

Step D 17.9432

Step E 18.8403

Step F 19.7824

Step G 20.7715

Step H 21.8101

Step I 22.9006

Step J 24.0456

Step K 25.2479

Step L 26.5103

Step M 27.8358

Step N 29.2276

Step O 30.6889



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name                    | Step Name | Hourly  |
|------------|-------------------------------|-----------|---------|
| 1127       | Community Outreach Specialist | Step A    | 33.8978 |
|            |                               | Step B    | 34.7349 |
|            |                               | Step C    | 35.5926 |
|            |                               | Step D    | 36.4716 |
|            |                               | Step E    | 37.3723 |
|            |                               | Step F    | 38.2952 |
|            |                               | Step G    | 39.2409 |
|            |                               | Step H    | 40.2100 |
|            |                               | Step I    | 41.2029 |
| 1270       | Council Member                | Step A    | 0.0000  |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

**TEMP Temporary**

| Grade Code | Grade Name                     | Step Name | Hourly  |
|------------|--------------------------------|-----------|---------|
| 1080       | Customer Service Specialist I  | Step A    | 16.5000 |
|            |                                | Step B    | 16.9075 |
|            |                                | Step C    | 17.3250 |
|            |                                | Step D    | 17.7528 |
|            |                                | Step E    | 18.1913 |
|            |                                | Step F    | 18.6405 |
|            |                                | Step G    | 19.1008 |
|            |                                | Step H    | 19.5725 |
|            |                                | Step I    | 20.0559 |
| 1081       | Customer Service Specialist II | Step A    | 18.1500 |
|            |                                | Step B    | 18.5982 |
|            |                                | Step C    | 19.0575 |
|            |                                | Step D    | 19.5281 |
|            |                                | Step E    | 20.0104 |
|            |                                | Step F    | 20.5045 |
|            |                                | Step G    | 21.0109 |
|            |                                | Step H    | 21.5298 |
|            |                                | Step I    | 22.0614 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

**TEMP Temporary**

| Grade Code | Grade Name                      | Step Name | Hourly  |
|------------|---------------------------------|-----------|---------|
| 9509       | Engineering Aide                | Step A    | 16.0000 |
|            |                                 | Step B    | 16.3951 |
|            |                                 | Step C    | 16.8000 |
|            |                                 | Step D    | 17.2149 |
|            |                                 | Step E    | 17.6400 |
|            |                                 | Step F    | 18.0756 |
|            |                                 | Step G    | 18.5220 |
|            |                                 | Step H    | 18.9794 |
|            |                                 | Step I    | 19.4481 |
| 1020       | Event Recreation Program Leader | Step A    | 21.8099 |
| 1014       | Event Specialist I              | Step A    | 18.8403 |
| 1015       | Event Specialist II             | Step A    | 19.7823 |
| 1016       | Event Specialist III            | Step A    | 20.7714 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

TEMP Temporary

| Grade Code | Grade Name                |
|------------|---------------------------|
| 9510       | Fire Equipment Specialist |

| Step Name | Hourly  |
|-----------|---------|
| Step A    | 16.5421 |
| Step B    | 16.8851 |
| Step C    | 17.3072 |
| Step D    | 17.7399 |
| Step E    | 18.1834 |
| Step F    | 18.6380 |
| Step G    | 19.1039 |
| Step H    | 19.5815 |
| Step I    | 20.0711 |
| Step J    | 20.5729 |
| Step K    | 21.0872 |
| Step L    | 21.6144 |
| Step M    | 22.1547 |
| Step N    | 22.7086 |
| Step O    | 23.2763 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

TEMP Temporary

| Grade Code | Grade Name            |
|------------|-----------------------|
| 9511       | Fire Logistics Worker |

| Step Name | Hourly  |
|-----------|---------|
| Step A    | 16.5421 |
| Step B    | 16.8851 |
| Step C    | 17.3072 |
| Step D    | 17.7399 |
| Step E    | 18.1834 |
| Step F    | 18.6380 |
| Step G    | 19.1039 |
| Step H    | 19.5815 |
| Step I    | 20.0711 |
| Step J    | 20.5729 |
| Step K    | 21.0872 |
| Step L    | 21.6144 |
| Step M    | 22.1547 |
| Step N    | 22.7086 |
| Step O    | 23.2763 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

**TEMP Temporary**

| Grade Code | Grade Name                        | Step Name | Hourly  |
|------------|-----------------------------------|-----------|---------|
| 9512       | Fire Public Education Coordinator | Step A    | 20.5700 |
|            |                                   | Step B    | 21.3636 |
|            |                                   | Step C    | 21.8977 |
|            |                                   | Step D    | 22.4452 |
|            |                                   | Step E    | 23.0063 |
|            |                                   | Step F    | 23.5815 |
|            |                                   | Step G    | 24.1710 |
|            |                                   | Step H    | 24.7753 |
|            |                                   | Step I    | 25.3946 |
|            |                                   | Step J    | 26.0295 |
|            |                                   | Step K    | 26.6802 |
|            |                                   | Step L    | 27.3473 |
|            |                                   | Step M    | 28.0309 |
|            |                                   | Step N    | 28.7317 |
|            |                                   | Step O    | 29.4500 |
| CI20       | Fitness Instructor-Fee            | Step A    | 0.0000  |





## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name                | Step Name | Hourly  |
|------------|---------------------------|-----------|---------|
| 3735       | Fitness Instructor-Hourly | Step A    | 30.0000 |
|            |                           | Step B    | 31.0000 |
|            |                           | Step C    | 32.0000 |
|            |                           | Step D    | 33.0000 |
|            |                           | Step E    | 34.0000 |
|            |                           | Step F    | 35.0000 |
| 1079       | Instructor Hourly         | Step A    | 23.0000 |
|            |                           | Step B    | 24.0000 |
|            |                           | Step C    | 25.0000 |
|            |                           | Step D    | 26.0000 |
|            |                           | Step E    | 27.0000 |
|            |                           | Step F    | 28.0000 |
|            |                           | Step G    | 29.0000 |
|            |                           | Step H    | 30.0000 |
|            |                           | Step I    | 31.0000 |
| 3750       | Instructor Meeting Rate   | Step A    | 18.0000 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name                              | Step Name | Hourly  |
|------------|-----------------------------------------|-----------|---------|
| 9513       | Interpretive Services Program Assistant | Step A    | 16.2750 |
|            |                                         | Step B    | 16.6769 |
|            |                                         | Step C    | 17.0888 |
|            |                                         | Step D    | 17.5108 |
|            |                                         | Step E    | 17.9432 |
|            |                                         | Step F    | 18.3863 |
|            |                                         | Step G    | 18.8403 |
|            |                                         | Step H    | 19.3056 |
|            |                                         | Step I    | 19.7824 |
| 9514       | Interpretive Services Program Leader    | Step A    | 17.9432 |
|            |                                         | Step B    | 18.3863 |
|            |                                         | Step C    | 18.8403 |
|            |                                         | Step D    | 19.3056 |
|            |                                         | Step E    | 19.7824 |
|            |                                         | Step F    | 20.2709 |
|            |                                         | Step G    | 20.7715 |
|            |                                         | Step H    | 21.2844 |
|            |                                         | Step I    | 21.8101 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

#### Grade Code Grade Name

#### Step Name Hourly

|      |              |        |         |
|------|--------------|--------|---------|
| 9515 | Library Page | Step A | 15.5000 |
|      |              | Step B | 15.8828 |
|      |              | Step C | 16.2750 |
|      |              | Step D | 16.6769 |
|      |              | Step E | 17.0888 |
|      |              | Step F | 17.5108 |
|      |              | Step G | 17.9432 |
|      |              | Step H | 18.3863 |
|      |              | Step I | 18.8404 |
| 1074 | Lifeguard    | Step A | 16.5000 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

TEMP Temporary

| Grade Code | Grade Name            |
|------------|-----------------------|
| 9518       | Maintenance Assistant |

| Step Name | Hourly  |
|-----------|---------|
| Step A    | 16.0000 |
| Step B    | 16.3951 |
| Step C    | 16.8000 |
| Step D    | 17.2149 |
| Step E    | 17.6400 |
| Step F    | 18.0756 |
| Step G    | 18.5220 |
| Step H    | 18.9794 |
| Step I    | 19.4481 |
| Step J    | 19.9284 |
| Step K    | 20.4205 |
| Step L    | 20.9248 |
| Step M    | 21.4415 |
| Step N    | 21.9710 |
| Step O    | 22.5136 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

TEMP Temporary

| Grade Code | Grade Name           |
|------------|----------------------|
| 9519       | Marketing Technician |

| Step Name | Hourly  |
|-----------|---------|
| Step A    | 20.8116 |
| Step B    | 21.3255 |
| Step C    | 21.8522 |
| Step D    | 22.3918 |
| Step E    | 22.9448 |
| Step F    | 23.5114 |
| Step G    | 24.0920 |
| Step H    | 24.6870 |
| Step I    | 25.2966 |
| Step J    | 25.9213 |
| Step K    | 26.5615 |
| Step L    | 27.2174 |
| Step M    | 27.8895 |
| Step N    | 28.5783 |
| Step O    | 29.2840 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name                                              | Step Name | Hourly  |
|------------|---------------------------------------------------------|-----------|---------|
| 9521       | Parks and Facility Maintenance Worker                   | Step A    | 18.0000 |
|            |                                                         | Step B    | 18.4445 |
|            |                                                         | Step C    | 18.9000 |
|            |                                                         | Step D    | 19.3667 |
|            |                                                         | Step E    | 19.8450 |
|            |                                                         | Step F    | 20.3351 |
|            |                                                         | Step G    | 20.8373 |
|            |                                                         | Step H    | 21.3518 |
|            |                                                         | Step I    | 21.8791 |
| 1011       | Parks and Facility Maintenance Worker-Commercial Driver | Step A    | 18.9000 |
|            |                                                         | Step B    | 19.3667 |
|            |                                                         | Step C    | 19.8450 |
|            |                                                         | Step D    | 20.3351 |
|            |                                                         | Step E    | 20.8373 |
|            |                                                         | Step F    | 21.3518 |
|            |                                                         | Step G    | 21.8791 |
|            |                                                         | Step H    | 22.4194 |
|            |                                                         | Step I    | 22.9731 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name                                                | Step Name | Hourly  |
|------------|-----------------------------------------------------------|-----------|---------|
| 9523       | Parks and Open Space Equipment Operator                   | Step A    | 23.7700 |
|            |                                                           | Step B    | 24.3570 |
|            |                                                           | Step C    | 24.9585 |
|            |                                                           | Step D    | 25.5749 |
|            |                                                           | Step E    | 26.2064 |
|            |                                                           | Step F    | 26.8536 |
|            |                                                           | Step G    | 27.5168 |
|            |                                                           | Step H    | 28.1963 |
|            |                                                           | Step I    | 28.8926 |
| 1012       | Parks and Open Space Equipment Operator-Commerical Driver | Step A    | 24.9585 |
|            |                                                           | Step B    | 25.5749 |
|            |                                                           | Step C    | 26.2064 |
|            |                                                           | Step D    | 26.8536 |
|            |                                                           | Step E    | 27.5167 |
|            |                                                           | Step F    | 28.1963 |
|            |                                                           | Step G    | 28.8926 |
|            |                                                           | Step H    | 29.6061 |
|            |                                                           | Step I    | 30.3372 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

**TEMP Temporary**

| Grade Code | Grade Name           | Step Name | Hourly  |
|------------|----------------------|-----------|---------|
| 3749       | Personal Trainer I   | Step A    | 37.0000 |
| 1070       | Personal Trainer II  | Step A    | 40.0000 |
| 1071       | Personal Trainer III | Step A    | 45.0000 |
| 1072       | Personal Trainer IV  | Step A    | 50.0000 |
| 9525       | Police Cadet         | Step A    | 23.4058 |
|            |                      | Step B    | 24.5062 |
|            |                      | Step C    | 25.2414 |
|            |                      | Step D    | 25.9986 |
|            |                      | Step E    | 26.7787 |
|            |                      | Step F    | 27.5820 |
|            |                      | Step G    | 28.4094 |
|            |                      | Step H    | 29.2617 |
|            |                      | Step I    | 30.1396 |
|            |                      | Step J    | 31.0438 |
|            |                      | Step K    | 31.9751 |
|            |                      | Step L    | 32.9343 |





## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
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#### TEMP Temporary

| Grade Code | Grade Name      | Step Name | Hourly  |
|------------|-----------------|-----------|---------|
| 9527       | Pool Manager I  | Step A    | 21.0587 |
|            |                 | Step B    | 0.0000  |
|            |                 | Step C    | 0.0000  |
|            |                 | Step D    | 0.0000  |
|            |                 | Step E    | 0.0000  |
|            |                 | Step F    | 0.0000  |
|            |                 | Step G    | 0.0000  |
|            |                 | Step H    | 0.0000  |
|            |                 | Step I    | 0.0000  |
| 1078       | Pool Manager II | Step A    | 22.1116 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
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#### TEMP Temporary

| Grade Code | Grade Name        | Step Name | Hourly  |
|------------|-------------------|-----------|---------|
| 9528       | Preschool Teacher | Step A    | 18.9939 |
|            |                   | Step B    | 19.4630 |
|            |                   | Step C    | 19.9436 |
|            |                   | Step D    | 20.4361 |
|            |                   | Step E    | 20.9408 |
|            |                   | Step F    | 21.4579 |
|            |                   | Step G    | 21.9879 |
|            |                   | Step H    | 0.0000  |
|            |                   | Step I    | 0.0000  |
| 6110       | Recreation Aide   | Step A    | 13.1750 |
|            |                   | Step B    | 15.5000 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name                | Step Name | Hourly  |
|------------|---------------------------|-----------|---------|
| 9532       | Recreation Program Leader | Step A    | 17.9432 |
|            |                           | Step B    | 18.3863 |
|            |                           | Step C    | 18.8403 |
|            |                           | Step D    | 19.3056 |
|            |                           | Step E    | 19.7824 |
|            |                           | Step F    | 20.2709 |
|            |                           | Step G    | 20.7715 |
|            |                           | Step H    | 21.2844 |
|            |                           | Step I    | 21.8101 |
| 9533       | Recreation Specialist I   | Step A    | 15.5000 |
|            |                           | Step B    | 15.8828 |
|            |                           | Step C    | 16.2750 |
|            |                           | Step D    | 16.6769 |
|            |                           | Step E    | 17.0888 |
|            |                           | Step F    | 17.5108 |
|            |                           | Step G    | 17.9432 |
|            |                           | Step H    | 18.3863 |
|            |                           | Step I    | 18.8404 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name               |
|------------|--------------------------|
| 9534       | Recreation Specialist II |

| Step Name | Hourly  |
|-----------|---------|
| Step A    | 16.2750 |
| Step B    | 16.6769 |
| Step C    | 17.0888 |
| Step D    | 17.5108 |
| Step E    | 17.9432 |
| Step F    | 18.3863 |
| Step G    | 18.8403 |
| Step H    | 19.3056 |
| Step I    | 19.7824 |

|      |                           |
|------|---------------------------|
| 9535 | Recreation Specialist III |
|------|---------------------------|

|        |         |
|--------|---------|
| Step A | 17.0888 |
| Step B | 17.5108 |
| Step C | 17.9432 |
| Step D | 18.3863 |
| Step E | 18.8403 |
| Step F | 19.3056 |
| Step G | 19.7824 |
| Step H | 20.2709 |
| Step I | 20.7715 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

#### TEMP Temporary

| Grade Code | Grade Name                          | Step Name | Hourly  |
|------------|-------------------------------------|-----------|---------|
| 6252       | Reserve Police Officer I            | Step A    | 40.9115 |
|            |                                     | Step B    | 42.1737 |
|            |                                     | Step C    | 43.4748 |
|            |                                     | Step D    | 44.8159 |
|            |                                     | Step E    | 46.2000 |
|            |                                     | Step F    | 47.6239 |
|            |                                     | Step G    | 49.0931 |
|            |                                     | Step H    | 50.6077 |
|            |                                     | Step I    | 52.1691 |
| 6250       | Reserve Police Officer II (Unpaid)  | Step A    | 0.0000  |
| 6248       | Reserve Police Officer III (Unpaid) | Step A    | 0.0000  |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
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#### TEMP Temporary

| Grade Code | Grade Name                | Step Name | Hourly  |
|------------|---------------------------|-----------|---------|
| 9536       | School Crossing Guard     | Step A    | 15.5000 |
|            |                           | Step B    | 15.8828 |
|            |                           | Step C    | 16.2750 |
|            |                           | Step D    | 16.6769 |
|            |                           | Step E    | 17.0888 |
|            |                           | Step F    | 17.5108 |
|            |                           | Step G    | 17.9432 |
|            |                           | Step H    | 18.3863 |
|            |                           | Step I    | 18.8404 |
| 9538       | Senior Child Care Teacher | Step A    | 17.3644 |
|            |                           | Step B    | 17.7932 |
|            |                           | Step C    | 18.2326 |
|            |                           | Step D    | 18.6829 |
|            |                           | Step E    | 19.1442 |
|            |                           | Step F    | 19.6170 |
|            |                           | Step G    | 20.1014 |
|            |                           | Step H    | 0.0000  |
|            |                           | Step I    | 0.0000  |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

| TEMP       | Temporary                    |           |         |
|------------|------------------------------|-----------|---------|
| Grade Code | Grade Name                   | Step Name | Hourly  |
| 1075       | Senior Lifeguard I           | Step A    | 17.3250 |
| 1076       | Senior Lifeguard II          | Step A    | 18.1913 |
| 9537       | Senior School Crossing Guard | Step A    | 17.0500 |
|            |                              | Step B    | 17.4711 |
|            |                              | Step C    | 17.9025 |
|            |                              | Step D    | 18.3446 |
|            |                              | Step E    | 18.7976 |
|            |                              | Step F    | 19.2618 |
|            |                              | Step G    | 19.7375 |
|            |                              | Step H    | 20.2249 |
|            |                              | Step I    | 20.7244 |
| 7005       | Soccer Official              | Step A    | 60.0000 |
| 7207       | Sports Official/Scorer I     | Step A    | 17.5000 |
| 7208       | Sports Official/Scorer II    | Step A    | 19.5000 |
| 9552       | Swim Instructor Aide         | Step A    | 16.5000 |



**City of Roseville**  
**Salary Schedule: Temporary--**

**Appendix:R**  
**Effective Date:08/26/2023**

**TEMP Temporary**

| <b>Grade Code</b> | <b>Grade Name</b>  | <b>Step Name</b> | <b>Hourly</b> |
|-------------------|--------------------|------------------|---------------|
| 9553              | Swim Instructor I  | Step A           | 17.5000       |
| 9554              | Swim Instructor II | Step A           | 18.5000       |
| 9539              | Video Technician   | Step A           | 21.5676       |
|                   |                    | Step B           | 22.1002       |
|                   |                    | Step C           | 22.6460       |
|                   |                    | Step D           | 23.2052       |
|                   |                    | Step E           | 23.7783       |
|                   |                    | Step F           | 24.3655       |
|                   |                    | Step G           | 24.9672       |
|                   |                    | Step H           | 25.5838       |
|                   |                    | Step I           | 26.2156       |





## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

TEMP Temporary

| Grade Code | Grade Name        |
|------------|-------------------|
| 8941       | Vocational Intern |

| Step Name | Hourly  |
|-----------|---------|
| Step A    | 15.5000 |
| Step B    | 16.2750 |
| Step C    | 17.0888 |
| Step D    | 17.9432 |
| Step E    | 18.8403 |
| Step F    | 19.7824 |
| Step G    | 20.7715 |
| Step H    | 21.8101 |
| Step I    | 22.9006 |
| Step J    | 24.0456 |
| Step K    | 25.2479 |
| Step L    | 26.5103 |
| Step M    | 27.8358 |
| Step N    | 29.2276 |
| Step O    | 30.6889 |



## City of Roseville

### Salary Schedule: Temporary--

Appendix:R  
Effective Date:08/26/2023

TEMP Temporary

| Grade Code | Grade Name                |
|------------|---------------------------|
| 9540       | Water Conservation Helper |

| Step Name | Hourly  |
|-----------|---------|
| Step A    | 15.5000 |
| Step B    | 15.8828 |
| Step C    | 16.2750 |
| Step D    | 16.6769 |
| Step E    | 17.0888 |
| Step F    | 17.5108 |
| Step G    | 17.9432 |
| Step H    | 18.3863 |
| Step I    | 18.8404 |



## Position Allocation Control Report

Report as of Date: 08/26/23

| Position Code                                  | Position Title              | Allocated FTE |
|------------------------------------------------|-----------------------------|---------------|
| CAO220245001                                   | Assistant City Attorney     | 1             |
| CAO221200001                                   | City Attorney               | 1             |
| CAO221658002                                   | Deputy City Attorney I/II   | 1             |
| CAO221658001                                   | Deputy City Attorney I/II   | 1             |
| CAO224096002                                   | Legal Clerk I/II            | 1             |
| CAO224096001                                   | Legal Clerk I/II            | 1             |
| CAO225015001                                   | Paralegal                   | 1             |
| CAO227123003                                   | Senior Deputy City Attorney | 1             |
| CAO227123002                                   | Senior Deputy City Attorney | 1             |
| CAO227123001                                   | Senior Deputy City Attorney | 1             |
| <b>Total for Department: CAO City Attorney</b> |                             | <b>10</b>     |

| Position Code                                          | Position Title             | Allocated FTE |
|--------------------------------------------------------|----------------------------|---------------|
| CCD360250001                                           | Assistant City Clerk       | 1             |
| CCD361220001                                           | City Clerk                 | 1             |
| CCD361227005                                           | City Clerk Technician I/II | 1             |
| CCD361227004                                           | City Clerk Technician I/II | 1             |
| CCD361227003                                           | City Clerk Technician I/II | 1             |
| CCD361227002                                           | City Clerk Technician I/II | 1             |
| CCD361227001                                           | City Clerk Technician I/II | 1             |
| CCD361665002                                           | Deputy City Clerk I/II     | 1             |
| CCD361665001                                           | Deputy City Clerk I/II     | 1             |
| CCD369548006                                           | Passport/Livescan Agent    | 0.5           |
| CCD369548004                                           | Passport/Livescan Agent    | 0.5           |
| CCD369548002                                           | Passport/Livescan Agent    | 1             |
| CCD369548001                                           | Passport/Livescan Agent    | 1             |
| <b>Total for Department: CCD City Clerk Department</b> |                            | <b>12</b>     |

| Position Code                                 | Position Title                    | Allocated FTE |
|-----------------------------------------------|-----------------------------------|---------------|
| CMO140325002                                  | Assistant City Manager            | 1             |
| CMO140325001                                  | Assistant City Manager            | 1             |
| CMO141240001                                  | City Manager                      | 1             |
| CMO142551002                                  | Executive Assistant               | 1             |
| CMO142551001                                  | Executive Assistant               | 1             |
| CMO1414449001                                 | Management Analyst - City Manager | 1             |
| CMO144457001                                  | Management Assistant I/II         | 1             |
| <b>Total for Department: CMO City Manager</b> |                                   | <b>7</b>      |

| Position Code | Position Title                           | Allocated FTE |
|---------------|------------------------------------------|---------------|
| DSD660071001  | Administrative Assistant                 | 1             |
| DSD660084001  | Administrative Technician                | 1             |
| DSD661005005  | Associate (PE)/Assistant/Junior Engineer | 1             |
| DSD661005004  | Associate (PE)/Assistant/Junior Engineer | 1             |
| DSD661005003  | Associate (PE)/Assistant/Junior Engineer | 1             |
| DSD661005002  | Associate (PE)/Assistant/Junior Engineer | 1             |
| DSD661005001  | Associate (PE)/Assistant/Junior Engineer | 1             |
| DSD660820003  | Associate Engineer                       | 1             |
| DSD660820001  | Associate Engineer                       | 1             |
| DSD660900006  | Associate/Assistant Planner              | 1             |
| DSD660900005  | Associate/Assistant Planner              | 1             |
| DSD660900004  | Associate/Assistant Planner              | 1             |
| DSD660900003  | Associate/Assistant Planner              | 1             |
| DSD660900002  | Associate/Assistant Planner              | 1             |
| DSD660900001  | Associate/Assistant Planner              | 1             |
| DSD661017001  | Building Inspection Supervisor           | 1             |
| DSD661019008  | Building Inspector I/II                  | 1             |
| DSD661019007  | Building Inspector I/II                  | 1             |
| DSD661019006  | Building Inspector I/II                  | 1             |
| DSD661019005  | Building Inspector I/II                  | 1             |
| DSD661019004  | Building Inspector I/II                  | 1             |
| DSD661019003  | Building Inspector I/II                  | 1             |
| DSD661019002  | Building Inspector I/II                  | 1             |
| DSD661019001  | Building Inspector I/II                  | 1             |
| DSD661043001  | Building Official                        | 1             |
| DSD661047004  | Building Plans Examiner I/II             | 1             |
| DSD661047003  | Building Plans Examiner I/II             | 1             |
| DSD661047002  | Building Plans Examiner I/II             | 1             |
| DSD661047001  | Building Plans Examiner I/II             | 1             |
| DSD661369005  | Code Enforcement Inspector I/II          | 1             |
| DSD661369004  | Code Enforcement Inspector I/II          | 1             |
| DSD661369003  | Code Enforcement Inspector I/II          | 1             |

|              |                                              |   |
|--------------|----------------------------------------------|---|
| DSD661369002 | Code Enforcement Inspector I/II              | 1 |
| DSD661369001 | Code Enforcement Inspector I/II              | 1 |
| DSD661368001 | Code Enforcement Supervisor                  | 1 |
| DSD661027001 | Construction Inspection Superintendent       | 1 |
| DSD661248001 | Construction Inspection Supervisor           | 1 |
| DSD661434005 | Construction Inspector I/II                  | 1 |
| DSD661434004 | Construction Inspector I/II                  | 1 |
| DSD661434003 | Construction Inspector I/II                  | 1 |
| DSD661434002 | Construction Inspector I/II                  | 1 |
| DSD661434001 | Construction Inspector I/II                  | 1 |
| DSD661280001 | Development Services Administrator           | 1 |
| DSD661096002 | Development Services Business Analyst I/II   | 1 |
| DSD661096001 | Development Services Business Analyst I/II   | 1 |
| DSD661676001 | Development Services Director                | 1 |
| DSD661695001 | Development Services Manager                 | 1 |
| DSD661672005 | Development Technician I/II                  | 1 |
| DSD661672004 | Development Technician I/II                  | 1 |
| DSD661672003 | Development Technician I/II                  | 1 |
| DSD661672002 | Development Technician I/II                  | 1 |
| DSD661672001 | Development Technician I/II                  | 1 |
| DSD661277001 | Engineering Manager                          | 1 |
| DSD662540001 | Environmental Coordinator                    | 1 |
| DSD663412001 | GIS Analyst I/II                             | 1 |
| DSD662214001 | GIS Technician I/II                          | 1 |
| DSD660050001 | Management Analyst I/II                      | 1 |
| DSD664957002 | Office Assistant I/II                        | 1 |
| DSD664957001 | Office Assistant I/II                        | 1 |
| DSD665279004 | Permit Technician I/II                       | 1 |
| DSD665279003 | Permit Technician I/II                       | 1 |
| DSD665279002 | Permit Technician I/II                       | 1 |
| DSD665279001 | Permit Technician I/II                       | 1 |
| DSD661501001 | Permits Supervisor                           | 1 |
| DSD665309001 | Planning Manager                             | 1 |
| DSD665514001 | Principal Engineer                           | 1 |
| DSD667117001 | Senior Building Inspector                    | 1 |
| DSD667195001 | Senior Building Plans Examiner               | 1 |
| DSD667121002 | Senior Construction Inspector                | 1 |
| DSD667121001 | Senior Construction Inspector                | 1 |
| DSD661097001 | Senior Development Services Business Analyst | 1 |
| DSD667142003 | Senior Engineer                              | 1 |
| DSD667142002 | Senior Engineer                              | 1 |
| DSD661502001 | Senior Permits Technician                    | 1 |
| DSD667180002 | Senior Planner                               | 1 |
| DSD667180001 | Senior Planner                               | 1 |

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|                              |                                            |           |
|------------------------------|--------------------------------------------|-----------|
| <b>Total for Department:</b> | <b>DSD Development Services Department</b> | <b>76</b> |
|------------------------------|--------------------------------------------|-----------|

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| Position Code                              | Position Title                       | Allocated FTE |
|--------------------------------------------|--------------------------------------|---------------|
| EDD541675001                               | Economic Development Analyst I/II    | 1             |
| EDD541710001                               | Economic Development Director        | 1             |
| EDD541001002                               | Economic Development Project Manager | 1             |
| EDD541001001                               | Economic Development Project Manager | 1             |
| EDD543402004                               | Housing Analyst I/II                 | 1             |
| EDD543402003                               | Housing Analyst I/II                 | 1             |
| EDD543402002                               | Housing Analyst I/II                 | 1             |
| EDD543402001                               | Housing Analyst I/II                 | 1             |
| EDD543589001                               | Housing Manager                      | 1             |
| EDD543590001                               | Housing Supervisor                   | 1             |
| EDD543592004                               | Housing Technician I/II              | 1             |
| EDD543592003                               | Housing Technician I/II              | 1             |
| EDD543592002                               | Housing Technician I/II              | 1             |
| EDD543592001                               | Housing Technician I/II              | 1             |
| EDD540050001                               | Management Analyst I/II              | 1             |
| EDD544957001                               | Office Assistant I/II                | 1             |
| EDD547148001                               | Senior Housing Technician            | 1             |
| <b>Total for Department:</b>               |                                      | <b>17</b>     |
| <b>EDD Economic Development Department</b> |                                      |               |

| Position Code | Position Title                        | Allocated FTE |
|---------------|---------------------------------------|---------------|
| ELE701505001  | AMI Project Manager                   | 1             |
| ELE700071001  | Administrative Assistant              | 1             |
| ELE700084005  | Administrative Technician             | 1             |
| ELE700084003  | Administrative Technician             | 1             |
| ELE700084002  | Administrative Technician             | 1             |
| ELE700084001  | Administrative Technician             | 1             |
| ELE700395004  | Assistant Electric Utility Director   | 1             |
| ELE700395003  | Assistant Electric Utility Director   | 1             |
| ELE700395002  | Assistant Electric Utility Director   | 1             |
| ELE700395001  | Assistant Electric Utility Director   | 1             |
| ELE701067008  | Associate/Assistant Electric Analyst  | 1             |
| ELE701067007  | Associate/Assistant Electric Analyst  | 1             |
| ELE701067006  | Associate/Assistant Electric Analyst  | 1             |
| ELE701067005  | Associate/Assistant Electric Analyst  | 1             |
| ELE701067004  | Associate/Assistant Electric Analyst  | 1             |
| ELE701067003  | Associate/Assistant Electric Analyst  | 1             |
| ELE701067002  | Associate/Assistant Electric Analyst  | 1             |
| ELE701067001  | Associate/Assistant Electric Analyst  | 1             |
| ELE701548002  | Data Management Specialist I/II       | 1             |
| ELE701645001  | Department Public Information Officer | 1             |
| ELE701312008  | Electric Business Analyst I/II        | 1             |

|              |                                               |   |
|--------------|-----------------------------------------------|---|
| ELE701312006 | Electric Business Analyst I/II                | 1 |
| ELE701312004 | Electric Business Analyst I/II                | 1 |
| ELE701312003 | Electric Business Analyst I/II                | 1 |
| ELE701312002 | Electric Business Analyst I/II                | 1 |
| ELE701312001 | Electric Business Analyst I/II                | 1 |
| ELE701312007 | Electric Business Analyst I/II                | 1 |
| ELE702335002 | Electric Compliance Analyst I/II              | 1 |
| ELE702335001 | Electric Compliance Analyst I/II              | 1 |
| ELE706285001 | Electric Customer Programs Supervisor         | 1 |
| ELE702330002 | Electric Drafting Technician I/II             | 1 |
| ELE701117001 | Electric Economic Development and Partnership | 1 |
| ELE702345005 | Electric Engineering Technician I/II          | 1 |
| ELE702345004 | Electric Engineering Technician I/II          | 1 |
| ELE702345003 | Electric Engineering Technician I/II          | 1 |
| ELE702345001 | Electric Engineering Technician I/II          | 1 |
| ELE702284001 | Electric Engineering Technician Supervisor    | 1 |
| ELE702286004 | Electric Line Troubleshooter                  | 1 |
| ELE702286003 | Electric Line Troubleshooter                  | 1 |
| ELE702286002 | Electric Line Troubleshooter                  | 1 |
| ELE702286001 | Electric Line Troubleshooter                  | 1 |
| ELE702212004 | Electric Materials Technician I/II            | 1 |
| ELE702212003 | Electric Materials Technician I/II            | 1 |
| ELE702212002 | Electric Materials Technician I/II            | 1 |
| ELE702212001 | Electric Materials Technician I/II            | 1 |
| ELE702338001 | Electric Operations Manager                   | 1 |
| ELE702339002 | Electric Operations Supervisor                | 1 |
| ELE702339001 | Electric Operations Supervisor                | 1 |
| ELE702254001 | Electric Preventive Data System Technician    | 1 |
| ELE702316005 | Electric Resources Planner I/II               | 1 |
| ELE702316003 | Electric Resources Planner I/II               | 1 |
| ELE702316002 | Electric Resources Planner I/II               | 1 |
| ELE702316001 | Electric Resources Planner I/II               | 1 |
| ELE702216001 | Electric Risk and Compliance Supervisor       | 1 |
| ELE702319001 | Electric Substation Supervisor                | 1 |
| ELE702350003 | Electric System Dispatcher                    | 1 |
| ELE702350002 | Electric System Dispatcher                    | 1 |
| ELE702350001 | Electric System Dispatcher                    | 1 |
| ELE702359003 | Electric Technology System Technician         | 1 |
| ELE702359002 | Electric Technology System Technician         | 1 |
| ELE702359001 | Electric Technology System Technician         | 1 |
| ELE709560001 | Electric Technology Systems Administrator     | 1 |
| ELE701116001 | Electric Utility Chief Operating Officer      | 1 |
| ELE702320001 | Electric Utility Director                     | 1 |
| ELE702215001 | Electric Utility Financial Administrator      | 1 |
| ELE709250003 | Electric Utility Inspection Technician        | 1 |
| ELE709250002 | Electric Utility Inspection Technician        | 1 |
| ELE709250001 | Electric Utility Inspection Technician        | 1 |
| ELE702285015 | Electric/Apprentice Line Technician           | 1 |

|              |                                                |     |
|--------------|------------------------------------------------|-----|
| ELE702285014 | Electric/Apprentice Line Technician            | 1   |
| ELE702285013 | Electric/Apprentice Line Technician            | 1   |
| ELE702285012 | Electric/Apprentice Line Technician            | 1   |
| ELE702285011 | Electric/Apprentice Line Technician            | 1   |
| ELE702285010 | Electric/Apprentice Line Technician            | 1   |
| ELE702285009 | Electric/Apprentice Line Technician            | 1   |
| ELE702285008 | Electric/Apprentice Line Technician            | 1   |
| ELE702285007 | Electric/Apprentice Line Technician            | 1   |
| ELE702285006 | Electric/Apprentice Line Technician            | 1   |
| ELE702285005 | Electric/Apprentice Line Technician            | 1   |
| ELE702285004 | Electric/Apprentice Line Technician            | 1   |
| ELE702285003 | Electric/Apprentice Line Technician            | 1   |
| ELE702285001 | Electric/Apprentice Line Technician            | 1   |
| ELE701085005 | Electric/Apprentice Metering System Technician | 1   |
| ELE701085004 | Electric/Apprentice Metering System Technician | 1   |
| ELE701085003 | Electric/Apprentice Metering System Technician | 1   |
| ELE701085002 | Electric/Apprentice Metering System Technician | 1   |
| ELE701085001 | Electric/Apprentice Metering System Technician | 1   |
| ELE701083012 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083011 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083010 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083009 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083008 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083007 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083006 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083005 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083004 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083003 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083002 | Electric/Apprentice Substation Technician      | 1   |
| ELE701083001 | Electric/Apprentice Substation Technician      | 1   |
| ELE702466003 | Energy Program Technician                      | 1   |
| ELE702466002 | Energy Program Technician                      | 1   |
| ELE702501003 | Energy Services Account Representative I/II    | 1   |
| ELE702501002 | Energy Services Account Representative I/II    | 1   |
| ELE702501001 | Energy Services Account Representative I/II    | 1   |
| ELE701082001 | Generation Maintenance Scheduler-Coordinator   | 1   |
| ELE701648001 | Government Relations Representative I/II       | 1   |
| ELE703608003 | Instrument and Control Technician              | 1   |
| ELE703608002 | Instrument and Control Technician              | 1   |
| ELE703608001 | Instrument and Control Technician              | 1   |
| ELE704517002 | Marketing and Communication Analyst I/II       | 0.5 |
| ELE704517001 | Marketing and Communication Analyst I/II       | 1   |
| ELE704540003 | Meter Reader                                   | 1   |
| ELE704540002 | Meter Reader                                   | 1   |
| ELE704540001 | Meter Reader                                   | 1   |
| ELE704957004 | Office Assistant I/II                          | 1   |
| ELE704957003 | Office Assistant I/II                          | 1   |
| ELE704957002 | Office Assistant I/II                          | 1   |



|              |                                                   |   |
|--------------|---------------------------------------------------|---|
| ELE704957001 | Office Assistant I/II                             | 1 |
| ELE705596004 | Power Engineer I/II                               | 1 |
| ELE705596003 | Power Engineer I/II                               | 1 |
| ELE705596001 | Power Engineer I/II                               | 1 |
| ELE705505001 | Power Engineering Manager                         | 1 |
| ELE705600001 | Power Generation Superintendent                   | 1 |
| ELE705591002 | Power Plant Engineer I/II                         | 1 |
| ELE705591001 | Power Plant Engineer I/II                         | 1 |
| ELE705526003 | Power Plant Mechanic                              | 1 |
| ELE705526002 | Power Plant Mechanic                              | 1 |
| ELE705526001 | Power Plant Mechanic                              | 1 |
| ELE705530002 | Power Plant Operations and Maintenance Supervisor | 1 |
| ELE705530001 | Power Plant Operations and Maintenance Supervisor | 1 |
| ELE705523009 | Power Plant Operator Technician I/II              | 1 |
| ELE705523008 | Power Plant Operator Technician I/II              | 1 |
| ELE705523007 | Power Plant Operator Technician I/II              | 1 |
| ELE705523006 | Power Plant Operator Technician I/II              | 1 |
| ELE705523005 | Power Plant Operator Technician I/II              | 1 |
| ELE705523004 | Power Plant Operator Technician I/II              | 1 |
| ELE705523003 | Power Plant Operator Technician I/II              | 1 |
| ELE705523002 | Power Plant Operator Technician I/II              | 1 |
| ELE705523001 | Power Plant Operator Technician I/II              | 1 |
| ELE705535001 | Power Supply and Portfolio Administrator          | 1 |
| ELE707128004 | Senior Electric Business Analyst                  | 1 |
| ELE707128003 | Senior Electric Business Analyst                  | 1 |
| ELE707128002 | Senior Electric Business Analyst                  | 1 |
| ELE707128001 | Senior Electric Business Analyst                  | 1 |
| ELE707118005 | Senior Electric Line Technician                   | 1 |
| ELE707118004 | Senior Electric Line Technician                   | 1 |
| ELE707118003 | Senior Electric Line Technician                   | 1 |
| ELE707118002 | Senior Electric Line Technician                   | 1 |
| ELE707118001 | Senior Electric Line Technician                   | 1 |
| ELE707169001 | Senior Electric Materials Technician              | 1 |
| ELE701036001 | Senior Electric Metering Systems Technician       | 1 |
| ELE707126003 | Senior Electric Substation Technician             | 1 |
| ELE707126002 | Senior Electric Substation Technician             | 1 |
| ELE707126001 | Senior Electric Substation Technician             | 1 |
| ELE707168001 | Senior Electric System Dispatcher                 | 1 |
| ELE701023001 | Senior Electric Technology Systems Analyst        | 1 |
| ELE707163002 | Senior Energy Services Account Representative     | 1 |
| ELE707163001 | Senior Energy Services Account Representative     | 1 |
| ELE707161001 | Senior GIS Analyst                                | 1 |
| ELE707151002 | Senior Power Engineer                             | 1 |
| ELE707151001 | Senior Power Engineer                             | 1 |
| ELE705555001 | Senior Power Plant Engineer                       | 1 |
| ELE707152004 | Senior Power Plant Operator Technician            | 1 |
| ELE707152003 | Senior Power Plant Operator Technician            | 1 |
| ELE707152002 | Senior Power Plant Operator Technician            | 1 |

|              |                                                 |      |
|--------------|-------------------------------------------------|------|
| ELE707152001 | Senior Power Plant Operator Technician          | 1    |
| ELE701029002 | Senior Utility Billing Analyst                  | 1    |
| ELE701029001 | Senior Utility Billing Analyst                  | 1    |
| ELE701103001 | Senior Utility Billing Customer Service Field   | 1    |
| ELE701044003 | Senior Utility Customer Service Specialist      | 1    |
| ELE701044002 | Senior Utility Customer Service Specialist      | 1    |
| ELE701044001 | Senior Utility Customer Service Specialist      | 1    |
| ELE703315005 | Utility Billing Analyst I/II                    | 1    |
| ELE703315004 | Utility Billing Analyst I/II                    | 1    |
| ELE703315003 | Utility Billing Analyst I/II                    | 1    |
| ELE703315002 | Utility Billing Analyst I/II                    | 1    |
| ELE703315001 | Utility Billing Analyst I/II                    | 1    |
| ELE701104001 | Utility Billing Customer Service Field Rep I/II | 1    |
| ELE70920001  | Utility Billing Operations Manager              | 1    |
| ELE701041001 | Utility Billing and Field Services Supervisor   | 1    |
| ELE701049015 | Utility Customer Service Representative I/II    | 1    |
| ELE701049014 | Utility Customer Service Representative I/II    | 1    |
| ELE701049013 | Utility Customer Service Representative I/II    | 1    |
| ELE701049012 | Utility Customer Service Representative I/II    | 1    |
| ELE701049011 | Utility Customer Service Representative I/II    | 0.75 |
| ELE701049010 | Utility Customer Service Representative I/II    | 0.5  |
| ELE701049009 | Utility Customer Service Representative I/II    | 1    |
| ELE701049008 | Utility Customer Service Representative I/II    | 0.5  |
| ELE701049007 | Utility Customer Service Representative I/II    | 1    |
| ELE701049006 | Utility Customer Service Representative I/II    | 1    |
| ELE701049005 | Utility Customer Service Representative I/II    | 1    |
| ELE701049004 | Utility Customer Service Representative I/II    | 1    |
| ELE701049001 | Utility Customer Service Representative I/II    | 1    |
| ELE701046005 | Utility Customer Service Specialist I/II        | 1    |
| ELE701046004 | Utility Customer Service Specialist I/II        | 1    |
| ELE701046003 | Utility Customer Service Specialist I/II        | 1    |
| ELE701046002 | Utility Customer Service Specialist I/II        | 1    |
| ELE701046001 | Utility Customer Service Specialist I/II        | 1    |
| ELE701042001 | Utility Customer Service Supervisor             | 1    |

|                              |                                |                |
|------------------------------|--------------------------------|----------------|
| <b>Total for Department:</b> | <b>ELE Electric Department</b> | <b>197.25*</b> |
|------------------------------|--------------------------------|----------------|

\*1 position will be eliminated after promotion process has been completed

| Position Code | Position Title                             | Allocated FTE |
|---------------|--------------------------------------------|---------------|
| EUD740071001  | Administrative Assistant                   | 1             |
| EUD741003001  | Administrative Supervisor                  | 1             |
| EUD740084005  | Administrative Technician                  | 1             |
| EUD740084004  | Administrative Technician                  | 1             |
| EUD740084003  | Administrative Technician                  | 1             |
| EUD740084002  | Administrative Technician                  | 1             |
| EUD740084001  | Administrative Technician                  | 1             |
| EUD740411003  | Assistant Environmental Utilities Director | 1             |

|              |                                                    |   |
|--------------|----------------------------------------------------|---|
| EUD740411001 | Assistant Environmental Utilities Director         | 1 |
| EUD741005002 | Associate (PE)/Assistant/Junior Engineer           | 1 |
| EUD741005001 | Associate (PE)/Assistant/Junior Engineer           | 1 |
| EUD740820002 | Associate Engineer                                 | 1 |
| EUD740820001 | Associate Engineer                                 | 1 |
| EUD741548003 | Data Management Specialist I/II                    | 1 |
| EUD741548001 | Data Management Specialist I/II                    | 1 |
| EUD741645001 | Department Public Information Officer              | 1 |
| EUD749550001 | ERP Business Analyst I/II                          | 1 |
| EUD741277001 | Engineering Manager                                | 1 |
| EUD741350002 | Engineering Technician I/II                        | 1 |
| EUD741350001 | Engineering Technician I/II                        | 1 |
| EUD742544002 | Environmental Compliance Specialist I/II           | 1 |
| EUD742544001 | Environmental Compliance Specialist I/II           | 1 |
| EUD742547004 | Environmental Utilities Business Analyst I/II      | 1 |
| EUD742547003 | Environmental Utilities Business Analyst I/II      | 1 |
| EUD742547002 | Environmental Utilities Business Analyst I/II      | 1 |
| EUD742547001 | Environmental Utilities Business Analyst I/II      | 1 |
| EUD742548002 | Environmental Utilities Business Services Manager  | 1 |
| EUD741684001 | Environmental Utilities Director                   | 1 |
| EUD741038006 | Environmental Utilities Instrument and Control     | 1 |
| EUD741038005 | Environmental Utilities Instrument and Control     | 1 |
| EUD741038004 | Environmental Utilities Instrument and Control     | 1 |
| EUD741038003 | Environmental Utilities Instrument and Control     | 1 |
| EUD741038002 | Environmental Utilities Instrument and Control     | 1 |
| EUD741038001 | Environmental Utilities Instrument and Control     | 1 |
| EUD741024001 | Environmental Utilities Maintenance Superintendent | 1 |
| EUD742541003 | Environmental Utility Compliance Administrator     | 1 |
| EUD742541002 | Environmental Utility Compliance Administrator     | 1 |
| EUD742541001 | Environmental Utility Compliance Administrator     | 1 |
| EUD743412003 | GIS Analyst I/II                                   | 1 |
| EUD743412002 | GIS Analyst I/II                                   | 1 |
| EUD743412001 | GIS Analyst I/II                                   | 1 |
| EUD741648001 | Government Relations Representative I/II           | 1 |
| EUD743604001 | Industrial Waste Specialist                        | 1 |
| EUD743610002 | Industrial Waste Technician                        | 1 |
| EUD743732002 | Interpretive Services Specialist I/II              | 1 |
| EUD743732001 | Interpretive Services Specialist I/II              | 1 |
| EUD744020005 | Laboratory Technician I/II                         | 1 |
| EUD744020004 | Laboratory Technician I/II                         | 1 |
| EUD744020003 | Laboratory Technician I/II                         | 1 |
| EUD744020001 | Laboratory Technician I/II                         | 1 |
| EUD740050001 | Management Analyst I/II                            | 1 |
| EUD744517003 | Marketing and Communication Analyst I/II           | 1 |
| EUD744517002 | Marketing and Communication Analyst I/II           | 1 |
| EUD744520002 | Materials Technician                               | 1 |
| EUD744520001 | Materials Technician                               | 1 |
| EUD744957012 | Office Assistant I/II                              | 1 |

|              |                                             |   |
|--------------|---------------------------------------------|---|
| EUD744957011 | Office Assistant I/II                       | 1 |
| EUD744957010 | Office Assistant I/II                       | 1 |
| EUD744957009 | Office Assistant I/II                       | 1 |
| EUD744957008 | Office Assistant I/II                       | 1 |
| EUD744957006 | Office Assistant I/II                       | 1 |
| EUD744957005 | Office Assistant I/II                       | 1 |
| EUD744957004 | Office Assistant I/II                       | 1 |
| EUD744957003 | Office Assistant I/II                       | 1 |
| EUD744957002 | Office Assistant I/II                       | 1 |
| EUD744957001 | Office Assistant I/II                       | 1 |
| EUD741028001 | Organics Truck Driver                       | 1 |
| EUD745319003 | Plant and Equipment Maintenance Worker I/II | 1 |
| EUD745319002 | Plant and Equipment Maintenance Worker I/II | 1 |
| EUD745319001 | Plant and Equipment Maintenance Worker I/II | 1 |
| EUD745328006 | Plant and Equipment Mechanic I/II           | 1 |
| EUD745328005 | Plant and Equipment Mechanic I/II           | 1 |
| EUD745328004 | Plant and Equipment Mechanic I/II           | 1 |
| EUD745328003 | Plant and Equipment Mechanic I/II           | 1 |
| EUD745328002 | Plant and Equipment Mechanic I/II           | 1 |
| EUD745328001 | Plant and Equipment Mechanic I/II           | 1 |
| EUD745402001 | Predictive Maintenance Technician I/II      | 1 |
| EUD745533002 | Preventative Maintenance Coordinator        | 1 |
| EUD745533001 | Preventative Maintenance Coordinator        | 1 |
| EUD745519003 | Preventative Maintenance Supervisor         | 1 |
| EUD745519002 | Preventative Maintenance Supervisor         | 1 |
| EUD745519001 | Preventative Maintenance Supervisor         | 1 |
| EUD745502005 | Preventative Maintenance Technician I/II    | 1 |
| EUD745502004 | Preventative Maintenance Technician I/II    | 1 |
| EUD745502003 | Preventative Maintenance Technician I/II    | 1 |
| EUD745502002 | Preventative Maintenance Technician I/II    | 1 |
| EUD745502001 | Preventative Maintenance Technician I/II    | 1 |
| EUD745514003 | Principal Engineer                          | 1 |
| EUD745514002 | Principal Engineer                          | 1 |
| EUD741004001 | Process Engineer                            | 1 |
| EUD746150001 | Recycling and Organics Coordinator          | 1 |
| EUD746226005 | Refuse Maintenance Worker I/II              | 1 |
| EUD746226004 | Refuse Maintenance Worker I/II              | 1 |
| EUD746226003 | Refuse Maintenance Worker I/II              | 1 |
| EUD746226002 | Refuse Maintenance Worker I/II              | 1 |
| EUD746226001 | Refuse Maintenance Worker I/II              | 1 |
| EUD746231001 | Refuse Superintendent                       | 1 |
| EUD746235004 | Refuse Supervisor                           | 1 |
| EUD746235003 | Refuse Supervisor                           | 1 |
| EUD746235002 | Refuse Supervisor                           | 1 |
| EUD746235001 | Refuse Supervisor                           | 1 |
| EUD746304042 | Refuse Truck Driver I/II                    | 1 |
| EUD746304040 | Refuse Truck Driver I/II                    | 1 |
| EUD746304039 | Refuse Truck Driver I/II                    | 1 |

|              |                                                 |   |
|--------------|-------------------------------------------------|---|
| EUD746304038 | Refuse Truck Driver I/II                        | 1 |
| EUD746304037 | Refuse Truck Driver I/II                        | 1 |
| EUD746304036 | Refuse Truck Driver I/II                        | 1 |
| EUD746304035 | Refuse Truck Driver I/II                        | 1 |
| EUD746304034 | Refuse Truck Driver I/II                        | 1 |
| EUD746304033 | Refuse Truck Driver I/II                        | 1 |
| EUD746304032 | Refuse Truck Driver I/II                        | 1 |
| EUD746304031 | Refuse Truck Driver I/II                        | 1 |
| EUD746304030 | Refuse Truck Driver I/II                        | 1 |
| EUD746304029 | Refuse Truck Driver I/II                        | 1 |
| EUD746304028 | Refuse Truck Driver I/II                        | 1 |
| EUD746304027 | Refuse Truck Driver I/II                        | 1 |
| EUD746304026 | Refuse Truck Driver I/II                        | 1 |
| EUD746304025 | Refuse Truck Driver I/II                        | 1 |
| EUD746304024 | Refuse Truck Driver I/II                        | 1 |
| EUD746304023 | Refuse Truck Driver I/II                        | 1 |
| EUD746304022 | Refuse Truck Driver I/II                        | 1 |
| EUD746304021 | Refuse Truck Driver I/II                        | 1 |
| EUD746304020 | Refuse Truck Driver I/II                        | 1 |
| EUD746304019 | Refuse Truck Driver I/II                        | 1 |
| EUD746304018 | Refuse Truck Driver I/II                        | 1 |
| EUD746304017 | Refuse Truck Driver I/II                        | 1 |
| EUD746304016 | Refuse Truck Driver I/II                        | 1 |
| EUD746304015 | Refuse Truck Driver I/II                        | 1 |
| EUD746304014 | Refuse Truck Driver I/II                        | 1 |
| EUD746304013 | Refuse Truck Driver I/II                        | 1 |
| EUD746304012 | Refuse Truck Driver I/II                        | 1 |
| EUD746304011 | Refuse Truck Driver I/II                        | 1 |
| EUD746304010 | Refuse Truck Driver I/II                        | 1 |
| EUD746304009 | Refuse Truck Driver I/II                        | 1 |
| EUD746304008 | Refuse Truck Driver I/II                        | 1 |
| EUD746304007 | Refuse Truck Driver I/II                        | 1 |
| EUD746304006 | Refuse Truck Driver I/II                        | 1 |
| EUD746304005 | Refuse Truck Driver I/II                        | 1 |
| EUD746304004 | Refuse Truck Driver I/II                        | 1 |
| EUD746304003 | Refuse Truck Driver I/II                        | 1 |
| EUD746304002 | Refuse Truck Driver I/II                        | 1 |
| EUD746304001 | Refuse Truck Driver I/II                        | 1 |
| EUD746244001 | Refuse and Stormwater Manager                   | 1 |
| EUD747020002 | SCADA System Technician                         | 1 |
| EUD747020001 | SCADA System Technician                         | 1 |
| EUD746500002 | Safety Coordinator                              | 1 |
| EUD746500001 | Safety Coordinator                              | 1 |
| EUD747142004 | Senior Engineer                                 | 1 |
| EUD747142003 | Senior Engineer                                 | 1 |
| EUD747142002 | Senior Engineer                                 | 1 |
| EUD747142001 | Senior Engineer                                 | 1 |
| EUD741065001 | Senior Environmental Utilities Business Analyst | 1 |

|              |                                                        |   |
|--------------|--------------------------------------------------------|---|
| EUD741123001 | Senior Environmental Utilities Instrument & Control    | 1 |
| EUD747161001 | Senior GIS Analyst                                     | 1 |
| EUD743733001 | Senior Interpretive Services Specialist                | 1 |
| EUD747284003 | Senior Preventative Maintenance Technician             | 1 |
| EUD747284002 | Senior Preventative Maintenance Technician             | 1 |
| EUD747284001 | Senior Preventative Maintenance Technician             | 1 |
| EUD747129007 | Senior Refuse Truck Driver                             | 1 |
| EUD747129006 | Senior Refuse Truck Driver                             | 1 |
| EUD747129005 | Senior Refuse Truck Driver                             | 1 |
| EUD747129004 | Senior Refuse Truck Driver                             | 1 |
| EUD747129003 | Senior Refuse Truck Driver                             | 1 |
| EUD747129002 | Senior Refuse Truck Driver                             | 1 |
| EUD747129001 | Senior Refuse Truck Driver                             | 1 |
| EUD749559001 | Senior SCADA System Technician                         | 1 |
| EUD741279001 | Senior Solid Waste Billing Technician                  | 1 |
| EUD747202006 | Senior Wastewater Utility Maintenance Worker           | 1 |
| EUD747202004 | Senior Wastewater Utility Maintenance Worker           | 1 |
| EUD747202003 | Senior Wastewater Utility Maintenance Worker           | 1 |
| EUD747202002 | Senior Wastewater Utility Maintenance Worker           | 1 |
| EUD747202001 | Senior Wastewater Utility Maintenance Worker           | 1 |
| EUD747202005 | Senior Wastewater Utility Maintenance Worker           | 1 |
| EUD747204008 | Senior Water Distribution Worker                       | 1 |
| EUD747204007 | Senior Water Distribution Worker                       | 1 |
| EUD747204006 | Senior Water Distribution Worker                       | 1 |
| EUD747204005 | Senior Water Distribution Worker                       | 1 |
| EUD747204004 | Senior Water Distribution Worker                       | 1 |
| EUD747204003 | Senior Water Distribution Worker                       | 1 |
| EUD747204002 | Senior Water Distribution Worker                       | 1 |
| EUD747204001 | Senior Water Distribution Worker                       | 1 |
| EUD747324001 | Solid Waste Billing Technician                         | 1 |
| EUD741102001 | Utility Exploration Center Supervisor                  | 1 |
| EUD741646001 | Utility Government Relations Administrator             | 1 |
| EUD741099002 | Waste Services Clerk I/II                              | 1 |
| EUD741099001 | Waste Services Clerk I/II                              | 1 |
| EUD748978002 | Wastewater Collection Supervisor                       | 1 |
| EUD748980001 | Wastewater Collection Superintendent                   | 1 |
| EUD748978003 | Wastewater Collection Supervisor                       | 1 |
| EUD748978001 | Wastewater Collection Supervisor                       | 1 |
| EUD749040001 | Wastewater Treatment Plant Chief Operator              | 1 |
| EUD749025009 | Wastewater Treatment Plant Operator Grade I/II/III 8Hr | 1 |
| EUD749025008 | Wastewater Treatment Plant Operator Grade I/II/III 8Hr | 1 |
| EUD749025006 | Wastewater Treatment Plant Operator Grade I/II/III 8Hr | 1 |
| EUD749025005 | Wastewater Treatment Plant Operator Grade I/II/III 8Hr | 1 |
| EUD749025004 | Wastewater Treatment Plant Operator Grade I/II/III 8Hr | 1 |
| EUD749025003 | Wastewater Treatment Plant Operator Grade I/II/III 8Hr | 1 |
| EUD749025002 | Wastewater Treatment Plant Operator Grade I/II/III 8Hr | 1 |
| EUD749025001 | Wastewater Treatment Plant Operator Grade I/II/III 8Hr | 1 |
| EUD749025010 | Wastewater Treatment Plant Operator Grade III 24Hr     | 1 |

|              |                                                    |   |
|--------------|----------------------------------------------------|---|
| EUD749025007 | Wastewater Treatment Plant Operator Grade III 24Hr | 1 |
| EUD749020004 | Wastewater Treatment Plant Operator Grade III 24Hr | 1 |
| EUD749020003 | Wastewater Treatment Plant Operator Grade III 24Hr | 1 |
| EUD749020002 | Wastewater Treatment Plant Operator Grade III 24Hr | 1 |
| EUD749020001 | Wastewater Treatment Plant Operator Grade III 24Hr | 1 |
| EUD749030002 | Wastewater Treatment Plant Operator Grade IV       | 1 |
| EUD749030001 | Wastewater Treatment Plant Operator Grade IV       | 1 |
| EUD749029026 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029025 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029024 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029022 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029021 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029020 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029019 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029018 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029017 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029016 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029015 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029014 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029013 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029012 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029011 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029010 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029009 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029008 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029007 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029006 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029005 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029004 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029003 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029002 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029001 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749029023 | Wastewater Utility Maintenance Worker I/II         | 1 |
| EUD749045001 | Wastewater Utility Manager                         | 1 |
| EUD749047001 | Water Conservation Administrator                   | 1 |
| EUD749078001 | Water Conservation Specialist                      | 1 |
| EUD749051005 | Water Conservation Worker I/II                     | 1 |
| EUD749051004 | Water Conservation Worker I/II                     | 1 |
| EUD749051003 | Water Conservation Worker I/II                     | 1 |
| EUD749051002 | Water Conservation Worker I/II                     | 1 |
| EUD749051001 | Water Conservation Worker I/II                     | 1 |
| EUD749085001 | Water Distribution Superintendent                  | 1 |
| EUD749084004 | Water Distribution Supervisor                      | 1 |
| EUD749084003 | Water Distribution Supervisor                      | 1 |
| EUD749084002 | Water Distribution Supervisor                      | 1 |
| EUD749084001 | Water Distribution Supervisor                      | 1 |
| EUD749248024 | Water Distribution Worker I/II                     | 1 |
| EUD749248023 | Water Distribution Worker I/II                     | 1 |

|              |                                                    |   |
|--------------|----------------------------------------------------|---|
| EUD749248022 | Water Distribution Worker I/II                     | 1 |
| EUD749248021 | Water Distribution Worker I/II                     | 1 |
| EUD749248020 | Water Distribution Worker I/II                     | 1 |
| EUD749248019 | Water Distribution Worker I/II                     | 1 |
| EUD749248018 | Water Distribution Worker I/II                     | 1 |
| EUD749248017 | Water Distribution Worker I/II                     | 1 |
| EUD749248016 | Water Distribution Worker I/II                     | 1 |
| EUD749248015 | Water Distribution Worker I/II                     | 1 |
| EUD749248014 | Water Distribution Worker I/II                     | 1 |
| EUD749248013 | Water Distribution Worker I/II                     | 1 |
| EUD749248012 | Water Distribution Worker I/II                     | 1 |
| EUD749248011 | Water Distribution Worker I/II                     | 1 |
| EUD749248010 | Water Distribution Worker I/II                     | 1 |
| EUD749248009 | Water Distribution Worker I/II                     | 1 |
| EUD749248008 | Water Distribution Worker I/II                     | 1 |
| EUD749248007 | Water Distribution Worker I/II                     | 1 |
| EUD749248006 | Water Distribution Worker I/II                     | 1 |
| EUD749248005 | Water Distribution Worker I/II                     | 1 |
| EUD749248004 | Water Distribution Worker I/II                     | 1 |
| EUD749248003 | Water Distribution Worker I/II                     | 1 |
| EUD749248002 | Water Distribution Worker I/II                     | 1 |
| EUD749248001 | Water Distribution Worker I/II                     | 1 |
| EUD749101001 | Water Quality Lab Supervisor                       | 1 |
| EUD749101002 | Water Quality Lab Supervisor                       | 1 |
| EUD741053001 | Water Quality Technician                           | 1 |
| EUD749175001 | Water Treatment Plant Chief Operator               | 1 |
| EUD749230006 | Water Treatment Plant Operator Grade I/II/III 24Hr | 1 |
| EUD749230005 | Water Treatment Plant Operator Grade I/II/III 24Hr | 1 |
| EUD749230004 | Water Treatment Plant Operator Grade I/II/III 24Hr | 1 |
| EUD749230003 | Water Treatment Plant Operator Grade I/II/III 24Hr | 1 |
| EUD749230002 | Water Treatment Plant Operator Grade I/II/III 24Hr | 1 |
| EUD749230001 | Water Treatment Plant Operator Grade I/II/III 24Hr | 1 |
| EUD749244001 | Water Utility Manager                              | 1 |

|                              |                   |                      |                  |             |
|------------------------------|-------------------|----------------------|------------------|-------------|
| <b>Total for Department:</b> | <b>EUD</b>        | <b>Environmental</b> | <b>Utilities</b> | <b>281*</b> |
|                              | <b>Department</b> |                      |                  |             |

\*1 position will be eliminated after promotion process has been completed



| Position Code | Position Title                                 | Allocated FTE |
|---------------|------------------------------------------------|---------------|
| FIN240040003  | Accountant I/II                                | 1             |
| FIN240040002  | Accountant I/II                                | 1             |
| FIN240040001  | Accountant I/II                                | 1             |
| FIN241370001  | Accounting Manager                             | 1             |
| FIN240043001  | Accounting Supervisor                          | 1             |
| FIN249427001  | Accounts Payable Supervisor                    | 1             |
| FIN240084001  | Administrative Technician                      | 1             |
| FIN241021001  | Assistant City Manager/Chief Financial Officer | 1             |
| FIN2421026001 | Assistant Finance Director                     | 1             |
| FIN240915004  | Budget Analyst I/II                            | 1             |
| FIN240915003  | Budget Analyst I/II                            | 1             |
| FIN240915002  | Budget Analyst I/II                            | 1             |
| FIN240915001  | Budget Analyst I/II                            | 1             |
| FIN240930001  | Budget Manager                                 | 1             |
| FIN241060004  | Buyer I/II                                     | 1             |
| FIN241060003  | Buyer I/II                                     | 1             |
| FIN241060002  | Buyer I/II                                     | 1             |
| FIN241060001  | Buyer I/II                                     | 1             |
| FIN249550004  | ERP Business Analyst I/II                      | 1             |
| FIN249550003  | ERP Business Analyst I/II                      | 1             |
| FIN249550002  | ERP Business Analyst I/II                      | 1             |
| FIN249550001  | ERP Business Analyst I/II                      | 1             |
| FIN246520001  | ERP Program Manager                            | 1             |
| FIN242900001  | Finance Manager                                | 1             |
| FIN243326007  | Finance Technician I/II                        | 1             |
| FIN243326006  | Finance Technician I/II                        | 1             |
| FIN243326005  | Finance Technician I/II                        | 1             |
| FIN243326004  | Finance Technician I/II                        | 1             |
| FIN243326003  | Finance Technician I/II                        | 1             |
| FIN243326002  | Finance Technician I/II                        | 1             |
| FIN243326001  | Finance Technician I/II                        | 1             |
| FIN240050001  | Management Analyst I/II                        | 1             |
| FIN244457001  | Management Assistant I/II                      | 1             |
| FIN241124002  | Payroll Analyst I/II                           | 1             |
| FIN241124001  | Payroll Analyst I/II                           | 1             |
| FIN249428001  | Payroll Supervisor                             | 1             |
| FIN245101004  | Payroll Technician I/II                        | 0.6           |
| FIN245101003  | Payroll Technician I/II                        | 1             |
| FIN245101002  | Payroll Technician I/II                        | 1             |
| FIN245101001  | Payroll Technician I/II                        | 1             |
| FIN245652001  | Purchasing and Warehouse Manager               | 1             |
| FIN241051004  | Senior Accountant                              | 1             |
| FIN241051003  | Senior Accountant                              | 1             |
| FIN241051002  | Senior Accountant                              | 1             |
| FIN241051001  | Senior Accountant                              | 1             |

|              |                           |   |
|--------------|---------------------------|---|
| FIN247139001 | Senior Buyer              | 1 |
| FIN247141002 | Senior Payroll Technician | 1 |
| FIN247141001 | Senior Payroll Technician | 1 |
| FIN247203001 | Senior Warehouse Worker   | 1 |
| FIN248952002 | Warehouse Worker I/II     | 1 |
| FIN248952001 | Warehouse Worker I/II     | 1 |

|                              |                               |             |
|------------------------------|-------------------------------|-------------|
| <b>Total for Department:</b> | <b>FIN Finance Department</b> | <b>50.6</b> |
|------------------------------|-------------------------------|-------------|

| <b>Position Code</b> | <b>Position Title</b>                 | <b>Allocated FTE</b> |
|----------------------|---------------------------------------|----------------------|
| FIR480071001         | Administrative Assistant              | 1                    |
| FIR480084001         | Administrative Technician             | 1                    |
| FIR480480001         | Assistant Fire Chief                  | 1                    |
| FIR481645001         | Department Public Information Officer | 1                    |
| FIR482415001         | EMS Quality Assurance Coordinator     | 1                    |
| FIR480905007         | Fire Battalion Chief                  | 1                    |
| FIR480905006         | Fire Battalion Chief                  | 1                    |
| FIR480905004         | Fire Battalion Chief                  | 1                    |
| FIR480905003         | Fire Battalion Chief                  | 1                    |
| FIR480905002         | Fire Battalion Chief                  | 1                    |
| FIR480905001         | Fire Battalion Chief                  | 1                    |
| FIR480905005         | Fire Battalion Chief                  | 1                    |
| FIR483320034         | Fire Captain                          | 1                    |
| FIR483320033         | Fire Captain                          | 1                    |
| FIR483320032         | Fire Captain                          | 1                    |
| FIR483320030         | Fire Captain                          | 1                    |
| FIR483320029         | Fire Captain                          | 1                    |
| FIR483320028         | Fire Captain                          | 1                    |
| FIR483320027         | Fire Captain                          | 1                    |
| FIR483320026         | Fire Captain                          | 1                    |
| FIR483320025         | Fire Captain                          | 1                    |
| FIR483320024         | Fire Captain                          | 1                    |
| FIR483320023         | Fire Captain                          | 1                    |
| FIR483320022         | Fire Captain                          | 1                    |
| FIR483320021         | Fire Captain                          | 1                    |
| FIR483320020         | Fire Captain                          | 1                    |
| FIR483320019         | Fire Captain                          | 1                    |
| FIR483320018         | Fire Captain                          | 1                    |
| FIR483320017         | Fire Captain                          | 1                    |
| FIR483320016         | Fire Captain                          | 1                    |
| FIR483320015         | Fire Captain                          | 1                    |
| FIR483320014         | Fire Captain                          | 1                    |
| FIR483320013         | Fire Captain                          | 1                    |
| FIR483320012         | Fire Captain                          | 1                    |
| FIR483320011         | Fire Captain                          | 1                    |
| FIR483320010         | Fire Captain                          | 1                    |

|              |                                              |   |
|--------------|----------------------------------------------|---|
| FIR483320009 | Fire Captain                                 | 1 |
| FIR483320008 | Fire Captain                                 | 1 |
| FIR483320007 | Fire Captain                                 | 1 |
| FIR483320006 | Fire Captain                                 | 1 |
| FIR483320005 | Fire Captain                                 | 1 |
| FIR483320004 | Fire Captain                                 | 1 |
| FIR483320003 | Fire Captain                                 | 1 |
| FIR483320002 | Fire Captain                                 | 1 |
| FIR483320001 | Fire Captain                                 | 1 |
| FIR483320031 | Fire Captain (8 Hr)                          | 1 |
| FIR483330001 | Fire Chief                                   | 1 |
| FIR483332002 | Fire Division Chief                          | 1 |
| FIR483332001 | Fire Division Chief                          | 1 |
| FIR483340033 | Fire Engineer                                | 1 |
| FIR483340032 | Fire Engineer                                | 1 |
| FIR483340031 | Fire Engineer                                | 1 |
| FIR483340030 | Fire Engineer                                | 1 |
| FIR483340029 | Fire Engineer                                | 1 |
| FIR483340028 | Fire Engineer                                | 1 |
| FIR483340027 | Fire Engineer                                | 1 |
| FIR483340026 | Fire Engineer                                | 1 |
| FIR483340025 | Fire Engineer                                | 1 |
| FIR483340024 | Fire Engineer                                | 1 |
| FIR483340023 | Fire Engineer                                | 1 |
| FIR483340022 | Fire Engineer                                | 1 |
| FIR483340021 | Fire Engineer                                | 1 |
| FIR483340020 | Fire Engineer                                | 1 |
| FIR483340019 | Fire Engineer                                | 1 |
| FIR483340018 | Fire Engineer                                | 1 |
| FIR483340017 | Fire Engineer                                | 1 |
| FIR483340016 | Fire Engineer                                | 1 |
| FIR483340015 | Fire Engineer                                | 1 |
| FIR483340014 | Fire Engineer                                | 1 |
| FIR483340013 | Fire Engineer                                | 1 |
| FIR483340012 | Fire Engineer                                | 1 |
| FIR483340011 | Fire Engineer                                | 1 |
| FIR483340010 | Fire Engineer                                | 1 |
| FIR483340009 | Fire Engineer                                | 1 |
| FIR483340008 | Fire Engineer                                | 1 |
| FIR483340007 | Fire Engineer                                | 1 |
| FIR483340006 | Fire Engineer                                | 1 |
| FIR483340005 | Fire Engineer                                | 1 |
| FIR483340004 | Fire Engineer                                | 1 |
| FIR483340003 | Fire Engineer                                | 1 |
| FIR483340002 | Fire Engineer                                | 1 |
| FIR483340001 | Fire Engineer                                | 1 |
| FIR481022001 | Fire and Environmental Inspection Supervisor | 1 |
| FIR483377005 | Fire and Environmental Safety Inspector I/II | 1 |

|              |                                              |   |
|--------------|----------------------------------------------|---|
| FIR483377004 | Fire and Environmental Safety Inspector I/II | 1 |
| FIR483377003 | Fire and Environmental Safety Inspector I/II | 1 |
| FIR483377002 | Fire and Environmental Safety Inspector I/II | 1 |
| FIR483377001 | Fire and Environmental Safety Inspector I/II | 1 |
| FIR483355039 | Firefighter Paramedic I/II                   | 1 |
| FIR483355038 | Firefighter Paramedic I/II                   | 1 |
| FIR483355037 | Firefighter Paramedic I/II                   | 1 |
| FIR483355036 | Firefighter Paramedic I/II                   | 1 |
| FIR483355035 | Firefighter Paramedic I/II                   | 1 |
| FIR483355034 | Firefighter Paramedic I/II                   | 1 |
| FIR483355033 | Firefighter Paramedic I/II                   | 1 |
| FIR483355032 | Firefighter Paramedic I/II                   | 1 |
| FIR483355031 | Firefighter Paramedic I/II                   | 1 |
| FIR483355030 | Firefighter Paramedic I/II                   | 1 |
| FIR483355029 | Firefighter Paramedic I/II                   | 1 |
| FIR483355028 | Firefighter Paramedic I/II                   | 1 |
| FIR483355027 | Firefighter Paramedic I/II                   | 1 |
| FIR483355026 | Firefighter Paramedic I/II                   | 1 |
| FIR483355025 | Firefighter Paramedic I/II                   | 1 |
| FIR483355024 | Firefighter Paramedic I/II                   | 1 |
| FIR483355023 | Firefighter Paramedic I/II                   | 1 |
| FIR483355022 | Firefighter Paramedic I/II                   | 1 |
| FIR483355021 | Firefighter Paramedic I/II                   | 1 |
| FIR483355020 | Firefighter Paramedic I/II                   | 1 |
| FIR483355019 | Firefighter Paramedic I/II                   | 1 |
| FIR483355018 | Firefighter Paramedic I/II                   | 1 |
| FIR483355017 | Firefighter Paramedic I/II                   | 1 |
| FIR483355016 | Firefighter Paramedic I/II                   | 1 |
| FIR483355015 | Firefighter Paramedic I/II                   | 1 |
| FIR483355014 | Firefighter Paramedic I/II                   | 1 |
| FIR483355013 | Firefighter Paramedic I/II                   | 1 |
| FIR483355012 | Firefighter Paramedic I/II                   | 1 |
| FIR483355011 | Firefighter Paramedic I/II                   | 1 |
| FIR483355010 | Firefighter Paramedic I/II                   | 1 |
| FIR483355009 | Firefighter Paramedic I/II                   | 1 |
| FIR483355008 | Firefighter Paramedic I/II                   | 1 |
| FIR483355007 | Firefighter Paramedic I/II                   | 1 |
| FIR483355006 | Firefighter Paramedic I/II                   | 1 |
| FIR483355005 | Firefighter Paramedic I/II                   | 1 |
| FIR483355004 | Firefighter Paramedic I/II                   | 1 |
| FIR483355003 | Firefighter Paramedic I/II                   | 1 |
| FIR483355002 | Firefighter Paramedic I/II                   | 1 |
| FIR483355001 | Firefighter Paramedic I/II                   | 1 |
| FIR483412001 | GIS Analyst I/II                             | 1 |
| FIR480050001 | Management Analyst I/II                      | 1 |
| FIR484957001 | Office Assistant I/II                        | 1 |

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|                              |                            |            |
|------------------------------|----------------------------|------------|
| <b>Total for Department:</b> | <b>FIR Fire Department</b> | <b>130</b> |
|------------------------------|----------------------------|------------|

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| Position Code                                               | Position Title                     | Allocated FTE |
|-------------------------------------------------------------|------------------------------------|---------------|
| HRD280071001                                                | Administrative Assistant           | 1             |
| HRD280484001                                                | Assistant Human Resources Director | 1             |
| HRD283596004                                                | Human Resources Analyst I/II       | 1             |
| HRD283596003                                                | Human Resources Analyst I/II       | 1             |
| HRD283596002                                                | Human Resources Analyst I/II       | 1             |
| HRD283596001                                                | Human Resources Analyst I/II       | 1             |
| HRD283598001                                                | Human Resources Director           | 1             |
| HRD283599001                                                | Human Resources Manager            | 1             |
| HRD285235008                                                | Human Resources Technician         | 1             |
| HRD285235007                                                | Human Resources Technician         | 1             |
| HRD285235006                                                | Human Resources Technician         | 1             |
| HRD285235005                                                | Human Resources Technician         | 1             |
| HRD285235004                                                | Human Resources Technician         | 1             |
| HRD285235003                                                | Human Resources Technician         | 1             |
| HRD285235002                                                | Human Resources Technician         | 1             |
| HRD285235001                                                | Human Resources Technician         | 1             |
| HRD286450001                                                | Risk Manager                       | 1             |
| HRD287178002                                                | Senior Human Resources Technician  | 1             |
| HRD287178001                                                | Senior Human Resources Technician  | 1             |
| <b>Total for Department: HRD Human Resources Department</b> |                                    | <b>19</b>     |

| Position Code | Position Title                                    | Allocated FTE |
|---------------|---------------------------------------------------|---------------|
| ITD320084001  | Administrative Technician                         | 1             |
| ITD329558002  | Assistant Information Technology Director         | 1             |
| ITD329558001  | Assistant Information Technology Director         | 1             |
| ITD321362013  | Business Systems Analyst I/II                     | 1             |
| ITD321362012  | Business Systems Analyst I/II                     | 1             |
| ITD321362011  | Business Systems Analyst I/II                     | 1             |
| ITD321362010  | Business Systems Analyst I/II                     | 1             |
| ITD321362009  | Business Systems Analyst I/II                     | 1             |
| ITD321362008  | Business Systems Analyst I/II                     | 1             |
| ITD321362007  | Business Systems Analyst I/II                     | 1             |
| ITD321362005  | Business Systems Analyst I/II                     | 1             |
| ITD321362004  | Business Systems Analyst I/II                     | 1             |
| ITD321362003  | Business Systems Analyst I/II                     | 1             |
| ITD321362002  | Business Systems Analyst I/II                     | 1             |
| ITD321362001  | Business Systems Analyst I/II                     | 1             |
| ITD321180001  | Chief Information Officer                         | 1             |
| ITD321552007  | Database Analyst I/II                             | 1             |
| ITD321552006  | Database Analyst I/II                             | 1             |
| ITD321552004  | Database Analyst I/II                             | 1             |
| ITD321552002  | Database Analyst I/II                             | 1             |
| ITD321552001  | Database Analyst I/II                             | 1             |
| ITD323625001  | Information Security Administrator                | 1             |
| ITD323794013  | Information Technology Analyst I/II               | 1             |
| ITD323794012  | Information Technology Analyst I/II               | 1             |
| ITD323794010  | Information Technology Analyst I/II               | 1             |
| ITD323794009  | Information Technology Analyst I/II               | 1             |
| ITD323794007  | Information Technology Analyst I/II               | 1             |
| ITD323794006  | Information Technology Analyst I/II               | 1             |
| ITD323794002  | Information Technology Analyst I/II               | 1             |
| ITD323794001  | Information Technology Analyst I/II               | 1             |
| ITD329542001  | Information Technology Client Services Supervisor | 1             |
| ITD323602005  | Information Technology Program Manager            | 1             |
| ITD323602004  | Information Technology Program Manager            | 1             |
| ITD323602003  | Information Technology Program Manager            | 1             |
| ITD323602002  | Information Technology Program Manager            | 1             |
| ITD323602001  | Information Technology Program Manager            | 1             |
| ITD323618004  | Information Technology Technician I/II            | 1             |
| ITD323618003  | Information Technology Technician I/II            | 1             |
| ITD323618002  | Information Technology Technician I/II            | 1             |
| ITD323618001  | Information Technology Technician I/II            | 1             |
| ITD320050001  | Management Analyst I/II                           | 1             |
| ITD321089003  | Security Analyst I/II                             | 1             |
| ITD321089002  | Security Analyst I/II                             | 1             |
| ITD321089001  | Security Analyst I/II                             | 1             |
| ITD321090001  | Security Architect                                | 1             |

|              |                                          |   |
|--------------|------------------------------------------|---|
| ITD327130003 | Senior Business Systems Analyst          | 1 |
| ITD327130002 | Senior Business Systems Analyst          | 1 |
| ITD327130001 | Senior Business Systems Analyst          | 1 |
| ITD327145001 | Senior Database Analyst                  | 1 |
| ITD327194001 | Senior Information Technology Analyst    | 1 |
| ITD327149003 | Senior Information Technology Technician | 1 |
| ITD321091008 | Systems Architect                        | 1 |
| ITD321091007 | Systems Architect                        | 1 |
| ITD321091006 | Systems Architect                        | 1 |
| ITD321091005 | Systems Architect                        | 1 |
| ITD321091004 | Systems Architect                        | 1 |
| ITD321091003 | Systems Architect                        | 1 |
| ITD321091002 | Systems Architect                        | 1 |
| ITD321091001 | Systems Architect                        | 1 |

|                              |                                   |            |
|------------------------------|-----------------------------------|------------|
| <b>Total for Department:</b> | <b>ITD Information Technology</b> | <b>59*</b> |
|                              | <b>Department</b>                 |            |

\*3 positions will be eliminated after promotion process has been completed

| <b>Position Code</b> | <b>Position Title</b>                    | <b>Allocated FTE</b> |
|----------------------|------------------------------------------|----------------------|
| PAC181645002         | Department Public Information Officer    | 1                    |
| PAC181645001         | Department Public Information Officer    | 1                    |
| PAC181659001         | Deputy City Manager                      | 1                    |
| PAC181109001         | Digital Content Analyst                  | 1                    |
| CMO143451001         | Government Relations Administrator       | 1                    |
| PAC184517003         | Marketing & Communications Analyst I/II  | 1                    |
| PAC184517002         | Marketing and Communication Analyst I/II | 1                    |
| PAC184517001         | Marketing and Communication Analyst I/II | 1                    |
| PAC181108001         | Public Affairs and Communication Manager | 1                    |
| PAC188426001         | Video and Multimedia Technician          | 1                    |

|                              |                                              |           |
|------------------------------|----------------------------------------------|-----------|
| <b>Total for Department:</b> | <b>PAC Public Affairs and Communications</b> | <b>10</b> |
|------------------------------|----------------------------------------------|-----------|

| <b>Position Code</b> | <b>Position Title</b>           | <b>Allocated FTE</b> |
|----------------------|---------------------------------|----------------------|
| POL440071001         | Administrative Assistant        | 1                    |
| POL440100003         | Animal Control Officer          | 1                    |
| POL440100002         | Animal Control Officer          | 1                    |
| POL440100001         | Animal Control Officer          | 1                    |
| POL440110001         | Animal Control Supervisor       | 1                    |
| POL441430004         | Communications Supervisor       | 1                    |
| POL441430003         | Communications Supervisor       | 1                    |
| POL441430002         | Communications Supervisor       | 1                    |
| POL441430001         | Communications Supervisor       | 1                    |
| POL441380011         | Community Services Officer I/II | 1                    |
| POL441380010         | Community Services Officer I/II | 1                    |

|              |                                 |   |
|--------------|---------------------------------|---|
| POL441380009 | Community Services Officer I/II | 1 |
| POL441380008 | Community Services Officer I/II | 1 |
| POL441380007 | Community Services Officer I/II | 1 |
| POL441380006 | Community Services Officer I/II | 1 |
| POL441380005 | Community Services Officer I/II | 1 |
| POL441380004 | Community Services Officer I/II | 1 |
| POL441380003 | Community Services Officer I/II | 1 |
| POL441380002 | Community Services Officer I/II | 1 |
| POL441380001 | Community Services Officer I/II | 1 |
| POL441475002 | Crime Analyst                   | 1 |
| POL441475001 | Crime Analyst                   | 1 |
| POL441700021 | Dispatcher I/II                 | 1 |
| POL441700020 | Dispatcher I/II                 | 1 |
| POL441700019 | Dispatcher I/II                 | 1 |
| POL441700018 | Dispatcher I/II                 | 1 |
| POL441700017 | Dispatcher I/II                 | 1 |
| POL441700016 | Dispatcher I/II                 | 1 |
| POL441700015 | Dispatcher I/II                 | 1 |
| POL441700014 | Dispatcher I/II                 | 1 |
| POL441700013 | Dispatcher I/II                 | 1 |
| POL441700012 | Dispatcher I/II                 | 1 |
| POL441700011 | Dispatcher I/II                 | 1 |
| POL441700010 | Dispatcher I/II                 | 1 |
| POL441700009 | Dispatcher I/II                 | 1 |
| POL441700008 | Dispatcher I/II                 | 1 |
| POL441700007 | Dispatcher I/II                 | 1 |
| POL441700006 | Dispatcher I/II                 | 1 |
| POL441700005 | Dispatcher I/II                 | 1 |
| POL441700004 | Dispatcher I/II                 | 1 |
| POL441700003 | Dispatcher I/II                 | 1 |
| POL441700002 | Dispatcher I/II                 | 1 |
| POL441700001 | Dispatcher I/II                 | 1 |
| POL440050001 | Management Analyst I/II         | 1 |
| POL445400003 | Police Captain                  | 1 |
| POL445400002 | Police Captain                  | 1 |
| POL445400001 | Police Captain                  | 1 |
| POL445410001 | Police Chief                    | 1 |
| POL445420008 | Police Lieutenant               | 1 |
| POL445420007 | Police Lieutenant               | 1 |
| POL445420006 | Police Lieutenant               | 1 |
| POL445420005 | Police Lieutenant               | 1 |
| POL445420004 | Police Lieutenant               | 1 |
| POL445420003 | Police Lieutenant               | 1 |
| POL445420002 | Police Lieutenant               | 1 |
| POL445420001 | Police Lieutenant               | 1 |
| POL445430125 | Police Officer/Police Trainee   | 1 |
| POL445430124 | Police Officer/Police Trainee   | 1 |
| POL445430123 | Police Officer/Police Trainee   | 1 |



[illegible]

[illegible]

|              |                               |   |
|--------------|-------------------------------|---|
| POL445430026 | Police Officer/Police Trainee | 1 |
| POL445430025 | Police Officer/Police Trainee | 1 |
| POL445430024 | Police Officer/Police Trainee | 1 |
| POL445430023 | Police Officer/Police Trainee | 1 |
| POL445430022 | Police Officer/Police Trainee | 1 |
| POL445430021 | Police Officer/Police Trainee | 1 |
| POL445430020 | Police Officer/Police Trainee | 1 |
| POL445430019 | Police Officer/Police Trainee | 1 |
| POL445430018 | Police Officer/Police Trainee | 1 |
| POL445430017 | Police Officer/Police Trainee | 1 |
| POL445430016 | Police Officer/Police Trainee | 1 |
| POL445430015 | Police Officer/Police Trainee | 1 |
| POL445430014 | Police Officer/Police Trainee | 1 |
| POL445430012 | Police Officer/Police Trainee | 1 |
| POL445430011 | Police Officer/Police Trainee | 1 |
| POL445430010 | Police Officer/Police Trainee | 1 |
| POL445430009 | Police Officer/Police Trainee | 1 |
| POL445430008 | Police Officer/Police Trainee | 1 |
| POL445430007 | Police Officer/Police Trainee | 1 |
| POL445430006 | Police Officer/Police Trainee | 1 |
| POL445430005 | Police Officer/Police Trainee | 1 |
| POL445430004 | Police Officer/Police Trainee | 1 |
| POL445430003 | Police Officer/Police Trainee | 1 |
| POL445430002 | Police Officer/Police Trainee | 1 |

|              |                                              |   |
|--------------|----------------------------------------------|---|
| POL445430001 | Police Officer/Police Trainee                | 1 |
| POL445429001 | Police Property and Evidence Supervisor      | 1 |
| POL441094004 | Police Property and Evidence Technician I/II | 1 |
| POL441094003 | Police Property and Evidence Technician I/II | 1 |
| POL441094002 | Police Property and Evidence Technician I/II | 1 |
| POL441094001 | Police Property and Evidence Technician I/II | 1 |
| POL445440010 | Police Records Clerk I/II                    | 1 |
| POL445440009 | Police Records Clerk I/II                    | 1 |
| POL445440008 | Police Records Clerk I/II                    | 1 |
| POL445440007 | Police Records Clerk I/II                    | 1 |
| POL445440005 | Police Records Clerk I/II                    | 1 |
| POL445440004 | Police Records Clerk I/II                    | 1 |
| POL445440003 | Police Records Clerk I/II                    | 1 |
| POL445440002 | Police Records Clerk I/II                    | 1 |
| POL445440001 | Police Records Clerk I/II                    | 1 |
| POL445494004 | Police Scene Technician I/II                 | 1 |
| POL445494003 | Police Scene Technician I/II                 | 1 |
| POL445494002 | Police Scene Technician I/II                 | 1 |
| POL445494001 | Police Scene Technician I/II                 | 1 |
| POL445470017 | Police Sergeant                              | 1 |
| POL445470016 | Police Sergeant                              | 1 |
| POL445470015 | Police Sergeant                              | 1 |
| POL445470014 | Police Sergeant                              | 1 |
| POL445470013 | Police Sergeant                              | 1 |
| POL445470012 | Police Sergeant                              | 1 |
| POL445470011 | Police Sergeant                              | 1 |
| POL445470010 | Police Sergeant                              | 1 |
| POL445470009 | Police Sergeant                              | 1 |
| POL445470008 | Police Sergeant                              | 1 |
| POL445470007 | Police Sergeant                              | 1 |
| POL445470006 | Police Sergeant                              | 1 |
| POL445470005 | Police Sergeant                              | 1 |
| POL445470004 | Police Sergeant                              | 1 |
| POL445470003 | Police Sergeant                              | 1 |
| POL445470002 | Police Sergeant                              | 1 |
| POL445470001 | Police Sergeant                              | 1 |
| POL445489002 | Police Services Administrator                | 1 |
| POL445489001 | Police Services Administrator                | 1 |
| POL441039001 | Police Social Services Practitioner          | 1 |
| POL441126001 | Police Social Services Supervisor            | 1 |
| POL445657001 | Public Safety Program Coordinator            | 1 |
| POL445748002 | Records Supervisor                           | 1 |
| POL445748001 | Records Supervisor                           | 1 |
| POL441092002 | Senior Police Records Clerk                  | 1 |
| POL441092001 | Senior Police Records Clerk                  | 1 |

| Position Code | Position Title                        | Allocated FTE |
|---------------|---------------------------------------|---------------|
| PRL580071001  | Administrative Assistant              | 1             |
| PRL580084008  | Administrative Technician             | 1             |
| PRL580084007  | Administrative Technician             | 1             |
| PRL580084006  | Administrative Technician             | 1             |
| PRL580084005  | Administrative Technician             | 1             |
| PRL580084004  | Administrative Technician             | 1             |
| PRL580084003  | Administrative Technician             | 1             |
| PRL580084002  | Administrative Technician             | 1             |
| PRL580084001  | Administrative Technician             | 1             |
| PRL588302001  | Aquatics Maintenance Technician       | 1             |
| PRL588300001  | Arborist Technician                   | 1             |
| PRL581225014  | Child Care Site Coordinator           | 1             |
| PRL581225013  | Child Care Site Coordinator           | 1             |
| PRL581225012  | Child Care Site Coordinator           | 1             |
| PRL581225011  | Child Care Site Coordinator           | 1             |
| PRL581225010  | Child Care Site Coordinator           | 1             |
| PRL581225009  | Child Care Site Coordinator           | 1             |
| PRL581225008  | Child Care Site Coordinator           | 1             |
| PRL581225007  | Child Care Site Coordinator           | 1             |
| PRL581225006  | Child Care Site Coordinator           | 1             |
| PRL581225005  | Child Care Site Coordinator           | 1             |
| PRL581225004  | Child Care Site Coordinator           | 1             |
| PRL581225003  | Child Care Site Coordinator           | 1             |
| PRL581225002  | Child Care Site Coordinator           | 1             |
| PRL581225001  | Child Care Site Coordinator           | 1             |
| PRL583740001  | Cultural Arts Supervisor              | 1             |
| PRL581645002  | Department Public Information Officer | 1             |
| PRL581101001  | Graphic Designer                      | 0.75          |
| PRL585075002  | Irrigation Technician                 | 1             |
| PRL584152007  | Librarian I/II                        | 0.5           |
| PRL584152005  | Librarian I/II                        | 1             |
| PRL584152004  | Librarian I/II                        | 1             |
| PRL584152003  | Librarian I/II                        | 1             |
| PRL584152002  | Librarian I/II                        | 1             |
| PRL584152001  | Librarian I/II                        | 1             |
| PRL584210005  | Library Assistant I/II                | 1             |
| PRL584210003  | Library Assistant I/II                | 1             |
| PRL584210002  | Library Assistant I/II                | 1             |
| PRL584210001  | Library Assistant I/II                | 1             |
| PRL584250003  | Library Technician                    | 1             |
| PRL584250002  | Library Technician                    | 1             |
| PRL584250001  | Library Technician                    | 1             |
| PRL580050003  | Management Analyst I/II               | 1             |
| PRL580050002  | Management Analyst I/II               | 1             |
| PRL580050001  | Management Analyst I/II               | 1             |

|              |                                                 |   |
|--------------|-------------------------------------------------|---|
| PRL584517001 | Marketing and Communication Analyst I/II        | 1 |
| PRL581121001 | Museum Assistant                                | 1 |
| PRL589545001 | Natural Resources Specialist I/II               | 1 |
| PRL584872003 | Natural Resources Worker I/II                   | 1 |
| PRL584872002 | Natural Resources Worker I/II                   | 1 |
| PRL584872001 | Natural Resources Worker I/II                   | 1 |
| PRL584872006 | Natural Resources Worker I/II                   | 1 |
| PRL584872005 | Natural Resources Worker I/II                   | 1 |
| PRL584872004 | Natural Resources Worker I/II                   | 1 |
| PRL584957009 | Office Assistant I/II                           | 1 |
| PRL584957006 | Office Assistant I/II                           | 1 |
| PRL584957003 | Office Assistant I/II                           | 1 |
| PRL584957002 | Office Assistant I/II                           | 1 |
| PRL585022002 | Park Development Project Manager I/II           | 1 |
| PRL585022001 | Park Development Project Manager I/II           | 1 |
| PRL581106001 | Park Planning and Development Manager           | 1 |
| PRL585080026 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080025 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080024 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080023 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080022 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080021 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080020 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080019 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080018 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080017 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080016 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080015 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080014 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080013 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080012 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080011 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080010 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080009 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080008 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080007 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080006 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080004 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080003 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080002 | Parks Maintenance Worker I/II                   | 1 |
| PRL585080001 | Parks Maintenance Worker I/II                   | 1 |
| PRL581278006 | Parks Project Technician                        | 1 |
| PRL581278005 | Parks Project Technician                        | 1 |
| PRL581278004 | Parks Project Technician                        | 1 |
| PRL581278003 | Parks Project Technician                        | 1 |
| PRL581278002 | Parks Project Technician                        | 1 |
| PRL581278001 | Parks Project Technician                        | 1 |
| PRL589543011 | Parks Recreation and Libraries Coordinator I/II | 1 |

|              |                                                 |   |
|--------------|-------------------------------------------------|---|
| PRL589543010 | Parks Recreation and Libraries Coordinator I/II | 1 |
| PRL589543009 | Parks Recreation and Libraries Coordinator I/II | 1 |
| PRL589543007 | Parks Recreation and Libraries Coordinator I/II | 1 |
| PRL589543006 | Parks Recreation and Libraries Coordinator I/II | 1 |
| PRL589543004 | Parks Recreation and Libraries Coordinator I/II | 1 |
| PRL589543003 | Parks Recreation and Libraries Coordinator I/II | 1 |
| PRL589543002 | Parks Recreation and Libraries Coordinator I/II | 1 |
| PRL589543001 | Parks Recreation and Libraries Coordinator I/II | 1 |
| PRL589543008 | Parks Recreation and Libraries Coordinator I/II | 1 |
| PRL585082001 | Parks Recreation and Libraries Director         | 1 |
| PRL589547004 | Parks Recreation and Libraries Manager          | 1 |
| PRL589547003 | Parks Recreation and Libraries Manager          | 1 |
| PRL589547002 | Parks Recreation and Libraries Manager          | 1 |
| PRL589547001 | Parks Recreation and Libraries Manager          | 1 |
| PRL589546005 | Parks Recreation and Libraries Superintendent   | 1 |
| PRL589546004 | Parks Recreation and Libraries Superintendent   | 1 |
| PRL589546003 | Parks Recreation and Libraries Superintendent   | 1 |
| PRL589546002 | Parks Recreation and Libraries Superintendent   | 1 |
| PRL589546001 | Parks Recreation and Libraries Superintendent   | 1 |
| PRL585069004 | Parks Supervisor                                | 1 |
| PRL585069003 | Parks Supervisor                                | 1 |
| PRL585069002 | Parks Supervisor                                | 1 |
| PRL585069001 | Parks Supervisor                                | 1 |
| PRL588304005 | Recreation Leader                               | 1 |
| PRL588304004 | Recreation Leader                               | 1 |
| PRL588304003 | Recreation Leader                               | 1 |
| PRL588304002 | Recreation Leader                               | 1 |
| PRL588304001 | Recreation Leader                               | 1 |
| PRL589544009 | Recreation and Library Supervisor               | 1 |
| PRL589544008 | Recreation and Library Supervisor               | 1 |
| PRL589544007 | Recreation and Library Supervisor               | 1 |
| PRL589544006 | Recreation and Library Supervisor               | 1 |
| PRL589544005 | Recreation and Library Supervisor               | 1 |
| PRL589544004 | Recreation and Library Supervisor               | 1 |
| PRL589544003 | Recreation and Library Supervisor               | 1 |
| PRL589544002 | Recreation and Library Supervisor               | 1 |
| PRL589544001 | Recreation and Library Supervisor               | 1 |
| PRL583733001 | Senior Interpretive Services Specialist         | 1 |
| PRL587154001 | Senior Natural Resources Worker                 | 1 |
| PRL581119001 | Senior Park Development Project Manager         | 1 |
| PRL587192006 | Senior Parks Maintenance Worker                 | 1 |
| PRL587192005 | Senior Parks Maintenance Worker                 | 1 |
| PRL587192004 | Senior Parks Maintenance Worker                 | 1 |
| PRL587192003 | Senior Parks Maintenance Worker                 | 1 |
| PRL587192002 | Senior Parks Maintenance Worker                 | 1 |
| PRL587201001 | Senior Tree Trimmer                             | 1 |
| PRL581504002 | Tree Trimmer I/II                               | 1 |
| PRL581504001 | Tree Trimmer I/II                               | 1 |

|              |                                       |   |
|--------------|---------------------------------------|---|
| PRL581107001 | Turf and Sports Field Technician      | 1 |
| PRL588762001 | Urban Forester                        | 1 |
| PRL581641004 | Youth Development Program Coordinator | 1 |
| PRL581641003 | Youth Development Program Coordinator | 1 |
| PRL581641001 | Youth Development Program Coordinator | 1 |

|                              |                                           |               |
|------------------------------|-------------------------------------------|---------------|
| <b>Total for Department:</b> | <b>PRL Parks Recreation and Libraries</b> | <b>145.25</b> |
|------------------------------|-------------------------------------------|---------------|

| <b>Position Code</b> | <b>Position Title</b>                      | <b>Allocated FTE</b> |
|----------------------|--------------------------------------------|----------------------|
| PWD620088001         | Associate/Assistant Transportation Planner | 1                    |
| PWD620071001         | Administrative Assistant                   | 1                    |
| PWD620084006         | Administrative Technician                  | 0.75                 |
| PWD620084005         | Administrative Technician                  | 1                    |
| PWD620084003         | Administrative Technician                  | 1                    |
| PWD620084002         | Administrative Technician                  | 1                    |
| PWD620084001         | Administrative Technician                  | 1                    |
| PWD620090001         | Alternative Transportation Manager         | 1                    |
| PWD621005012         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005011         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005010         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005009         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005008         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005007         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005006         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005005         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005004         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005003         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005002         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD621005001         | Associate (PE)/Assistant/Junior Engineer   | 1                    |
| PWD620088003         | Associate/Assistant Transportation Planner | 1                    |
| PWD621032006         | Building Maintenance Worker I/II           | 1                    |
| PWD621032005         | Building Maintenance Worker I/II           | 1                    |
| PWD621032004         | Building Maintenance Worker I/II           | 1                    |
| PWD621032003         | Building Maintenance Worker I/II           | 1                    |
| PWD621032002         | Building Maintenance Worker I/II           | 1                    |
| PWD621032001         | Building Maintenance Worker I/II           | 1                    |
| PWD621401001         | Community Relations Analyst                | 1                    |
| PWD621485005         | Custodian                                  | 1                    |
| PWD621485004         | Custodian                                  | 1                    |
| PWD621485003         | Custodian                                  | 1                    |
| PWD621485002         | Custodian                                  | 1                    |
| PWD621485001         | Custodian                                  | 1                    |
| PWD621025001         | Custodian Supervisor                       | 1                    |
| PWD622385005         | Electronics Technician I/II/III            | 1                    |
| PWD622385004         | Electronics Technician I/II/III            | 1                    |
| PWD622385003         | Electronics Technician I/II/III            | 1                    |



|              |                                     |     |
|--------------|-------------------------------------|-----|
| PWD622385002 | Electronics Technician I/II/III     | 1   |
| PWD622385001 | Electronics Technician I/II/III     | 1   |
| PWD621277001 | Engineering Manager                 | 1   |
| PWD621350001 | Engineering Technician I/II         | 1   |
| PWD622560004 | Equipment Serviceworker             | 1   |
| PWD622560003 | Equipment Serviceworker             | 1   |
| PWD622560002 | Equipment Serviceworker             | 1   |
| PWD622560001 | Equipment Serviceworker             | 1   |
| PWD624321001 | Facilities Supervisor               | 1   |
| PWD623319001 | Fleet Management Technician         | 1   |
| PWD621113001 | Fleet Services Parts Buyer          | 1   |
| PWD622565001 | Fleet Services Supervisor           | 1   |
| PWD622214001 | GIS Technician I/II                 | 1   |
| PWD620050002 | Management Analyst I/II             | 1   |
| PWD620050001 | Management Analyst I/II             | 1   |
| PWD624501010 | Mechanic I/II                       | 1   |
| PWD624501009 | Mechanic I/II                       | 1   |
| PWD624501008 | Mechanic I/II                       | 1   |
| PWD624501007 | Mechanic I/II                       | 1   |
| PWD624501006 | Mechanic I/II                       | 1   |
| PWD624501005 | Mechanic I/II                       | 1   |
| PWD624501004 | Mechanic I/II                       | 1   |
| PWD624501003 | Mechanic I/II                       | 1   |
| PWD624501002 | Mechanic I/II                       | 1   |
| PWD624501001 | Mechanic I/II                       | 1   |
| PWD624957008 | Office Assistant I/II               | 1   |
| PWD624957007 | Office Assistant I/II               | 0.5 |
| PWD624957006 | Office Assistant I/II               | 1   |
| PWD624957005 | Office Assistant I/II               | 1   |
| PWD624957004 | Office Assistant I/II               | 1   |
| PWD624957003 | Office Assistant I/II               | 1   |
| PWD624957002 | Office Assistant I/II               | 1   |
| PWD624957001 | Office Assistant I/II               | 1   |
| PWD625519001 | Preventative Maintenance Supervisor | 1   |
| PWD625560003 | Project Coordinator                 | 1   |
| PWD625560002 | Project Coordinator                 | 1   |
| PWD625560001 | Project Coordinator                 | 1   |
| PWD621069001 | Project Supervisor                  | 1   |
| PWD625635001 | Public Works Director               | 1   |
| PWD621087002 | Public Works Manager                | 1   |
| PWD621087001 | Public Works Manager                | 1   |
| PWD627119001 | Senior Building Maintenance Worker  | 1   |
| PWD627144001 | Senior Custodian                    | 1   |
| PWD627170001 | Senior Electronic Technician        | 1   |
| PWD627142003 | Senior Engineer                     | 1   |
| PWD627142002 | Senior Engineer                     | 1   |
| PWD627142001 | Senior Engineer                     | 1   |
| PWD627189002 | Senior Mechanic                     | 1   |

|              |                                        |   |
|--------------|----------------------------------------|---|
| PWD627189001 | Senior Mechanic                        | 1 |
| PWD627187006 | Senior Street Maintenance Worker       | 1 |
| PWD627187005 | Senior Street Maintenance Worker       | 1 |
| PWD627187004 | Senior Street Maintenance Worker       | 1 |
| PWD627187003 | Senior Street Maintenance Worker       | 1 |
| PWD627187002 | Senior Street Maintenance Worker       | 1 |
| PWD627187001 | Senior Street Maintenance Worker       | 1 |
| PWD621073001 | Street Maintenance Manager             | 1 |
| PWD627522003 | Street Maintenance Supervisor          | 1 |
| PWD627522002 | Street Maintenance Supervisor          | 1 |
| PWD627522001 | Street Maintenance Supervisor          | 1 |
| PWD627530020 | Street Maintenance Worker I/II         | 1 |
| PWD627530019 | Street Maintenance Worker I/II         | 1 |
| PWD627530018 | Street Maintenance Worker I/II         | 1 |
| PWD627530017 | Street Maintenance Worker I/II         | 1 |
| PWD627530016 | Street Maintenance Worker I/II         | 1 |
| PWD627530015 | Street Maintenance Worker I/II         | 1 |
| PWD627530014 | Street Maintenance Worker I/II         | 1 |
| PWD627530013 | Street Maintenance Worker I/II         | 1 |
| PWD627530012 | Street Maintenance Worker I/II         | 1 |
| PWD627530011 | Street Maintenance Worker I/II         | 1 |
| PWD627530010 | Street Maintenance Worker I/II         | 1 |
| PWD627530009 | Street Maintenance Worker I/II         | 1 |
| PWD627530008 | Street Maintenance Worker I/II         | 1 |
| PWD627530007 | Street Maintenance Worker I/II         | 1 |
| PWD627530006 | Street Maintenance Worker I/II         | 1 |
| PWD627530005 | Street Maintenance Worker I/II         | 1 |
| PWD627530004 | Street Maintenance Worker I/II         | 1 |
| PWD627530003 | Street Maintenance Worker I/II         | 1 |
| PWD627530002 | Street Maintenance Worker I/II         | 1 |
| PWD627530001 | Street Maintenance Worker I/II         | 1 |
| PWD627540005 | Street Sweeper Operator                | 1 |
| PWD627540004 | Street Sweeper Operator                | 1 |
| PWD627540003 | Street Sweeper Operator                | 1 |
| PWD627540002 | Street Sweeper Operator                | 1 |
| PWD627540001 | Street Sweeper Operator                | 1 |
| PWD622376002 | Traffic Signal Maintenance Worker I/II | 1 |
| PWD622376001 | Traffic Signal Maintenance Worker I/II | 1 |

|              |                                   |   |
|--------------|-----------------------------------|---|
| PWD621110001 | Transit Operations Supervisor     | 1 |
| PWD621052001 | Transportation Grants Analyst     | 1 |
| PWD621111001 | Transportation Technician I/II    | 1 |
| PWD628940001 | Vehicle Maintenance Servicewriter | 1 |
| PWD628952001 | Warehouse Worker I/II             | 1 |

|                              |                         |               |
|------------------------------|-------------------------|---------------|
| <b>Total for Department:</b> | <b>PWD Public Works</b> | <b>127.25</b> |
|------------------------------|-------------------------|---------------|

|                                  |                      |
|----------------------------------|----------------------|
| <b>Total for All Departments</b> | <b>Allocated FTE</b> |
|----------------------------------|----------------------|

**1365.35\***

\* 6 positions will be eliminated after promotion process has been completed



## COUNCIL COMMUNICATION

CC #: 2882  
File #: 0216-02

**Title:** Second Reading- Roseville Municipal Code Amendment to Employees Annual Charitable Hearts Fund  
**Contact:** Tobi Thomas 916-746-1368 tthomas@roseville.ca.us

Meeting Date: 8/16/2023  
Item #: 6.23.

### RECOMMENDATION TO COUNCIL

ORDINANCE NO. 6704 AMENDING SECTION 4.07.030 OF CHAPTER 4.07 OF TITLE 4 OF THE ROSEVILLE MUNICIPAL CODE REGARDING EMPLOYEES ANNUAL CHARITABLE HEARTS FUND, for second reading and adoption.

### BACKGROUND

Not Applicable.

### FISCAL IMPACT

Not Applicable.

### ENVIRONMENTAL REVIEW

Not Applicable.

### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal A - Remain fiscally responsible in a changing world

Goal B - Support community engagement and advocacy

Respectfully Submitted,

Tobi Thomas, Management Analyst

Dion Louthan, Assistant City Manager



---

Dominick Casey, City Manager

**ATTACHMENTS:**

Description

Ordinance 6704

ORDINANCE NO. 6704

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTION  
4.07.030 OF CHAPTER 4.07 OF TITLE 4 OF THE ROSEVILLE MUNICIPAL CODE  
REGARDING EMPLOYEES ANNUAL CHARITABLE HEARTS FUND

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Chapter 4.07 of Title 4 of the Roseville Municipal Code is hereby amended to read as follows:

**Chapter 4.07 ROSEVILLE EMPLOYEES ANNUAL CHARITABLE HEARTS FUND**

SECTION 2. Section 4.07.010 of Chapter 4.07 of Title 4 of the Roseville Municipal Code is hereby amended to read as follows:

**4.07.010 Roseville employees annual charitable hearts fund established.**

There is hereby established the Roseville employees annual charitable hearts fund.

SECTION 3. Section 4.07.030 of Chapter 4.07 of Title 4 of the Roseville Municipal Code is hereby amended to read as follows:

**4.07.030 Expenditures of money.**

The city council shall, after receiving the recommendation of the Roseville grants advisory commission, annually appropriate 100 percent of the interest and principal of the Roseville employees annual charitable hearts fund for the purpose of improving the quality of life for youth, seniors, and families in the City of Roseville. Private donors may specify that their donations be appropriated for purposes other than those listed in this section and the city council will attempt to honor those requests. In the event the city council cannot honor specific requests, donations will be appropriated for the purpose of improving the quality of life for youth, seniors, and families in the City of Roseville.

SECTION 4. This ordinance shall be effective at the expiration of thirty (30) days from the date of adoption.

SECTION 5. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, by the following vote on roll call:

AYES            COUNCILMEMBERS:

NOES           COUNCILMEMBERS:

ABSENT        COUNCILMEMBERS:

---

MAYOR

ATTEST:

---

City Clerk



## COUNCIL COMMUNICATION

**CC #: 2867**  
**File #: 0600-02**

**Title:** Out-of-Country Travel - Factory Automation Testing of Ultraviolet Disinfection System  
**Contact:** Jeremy Snyder 916-413-9236 jsnyder@roseville.ca.us

**Meeting Date: 8/16/2023**  
**Item #: 6.24.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council approve an out-of-country travel request for two Environmental Utilities Department maintenance personnel to attend factory automation testing at the ultraviolet disinfection equipment manufacturer, Trojan Technologies, in London, Ontario, Canada. This travel is in preparation for the construction of the City's Ultraviolet Disinfection System Addition Project at the Pleasant Grove Wastewater Treatment Plant.

### BACKGROUND

The Environmental Utilities Department (EUD) released Request for Proposals No. 08-110 for the Pleasant Grove Wastewater Treatment Plant Ultraviolet Disinfection Addition Construction Project. The City also issued a Purchase Order in the amount of \$2,072,000 to pre-purchase the Trojan equipment which will be supplied to the contractor to complete the construction of this project. The factory automation testing is necessary to test operation and functionality of the equipment and the Programmable Logic Controller (PLC) software program operation, and to complete database points testing for supervisory control and data acquisition (SCADA) integration. The City staff will be at the manufacturing site to observe the testing and verify that the equipment manufactured meets the City's specified requirements.

The efficiency of performing this testing at the factory allows for all of the manufacturer's resources to be available to make corrections, as needed, during testing and final inspections prior to shipping to Roseville. This factory automation testing is an essential step that must be observed and verified by the City to ensure the project is kept on schedule and within the established budget.

### FISCAL IMPACT

The cost for travel and lodging for staff to witness this testing is estimated to be \$8,250. There are sufficient funds in the Pleasant Grove Wastewater Treatment Plant Ultraviolet Disinfection System Addition Project budget, which is funded by the South Placer Wastewater Authority.



## ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. The proposed out-of-country travel meets the above criteria and is not subject to CEQA. No additional environmental review is required.

## CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Jeremy Snyder, Preventative Maintenance Supervisor

Richard D. Plecker, Environmental Utilities Director

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line, likely representing the name Dominick Casey.

---

Dominick Casey, City Manager



## COUNCIL COMMUNICATION

**CC #: 2868**  
**File #: 0600-02**

**Title:** Out-of-Country Travel - Sacramento Metropolitan Chamber of Commerce Annual Study Mission Delegation  
**Contact:** Wayne Wiley 916-774-5286 wwiley@roseville.ca.us

**Meeting Date: 8/16/2023**  
**Item #: 6.25.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council approve an out-of-country travel request for one Economic Development Department staff member to attend the Sacramento Metropolitan Chamber of Commerce Study Mission in Toronto Canada.

### BACKGROUND

For the past 22 years, the Sacramento Metropolitan Chamber of Commerce (Metro Chamber) has organized an annual Study Mission to a destination in North America to learn best practices, inspire new ideas and provide meaningful collaboration that further local strategic initiatives. As a member of the Metro Chamber, City of Roseville staff, along with leaders from surrounding jurisdictions, have been invited to participate in this year's Study Mission to gain insights from a cross-section of Toronto's leaders through dozens of presentations, conversations, cultural experiences, and guided tours. This year's Mission will focus on Toronto's successful approach to strengthening community through economic growth and community development with a focus on culture, people, and place. A particular emphasis will be placed on the reinvestment and strategic planning of commercial corridors, inclusive economic development, entrepreneurship, and arts and culture (see Attachment 1).

Centered around community vibrancy and enhancing economic vitality, the 2023 study mission's focus aligns with the City's current initiatives and Council priorities. Participation in this year's delegation will enable staff to gain an understanding of Toronto's innovations, successful outcomes, and unique partnerships that can assist the City's in its efforts to generate enhanced economic benefits, cultural identity and increase civic engagement. As the City continues to consider opportunities and strategies that stimulate and support investment in our Downtown and along our commercial corridor plan areas, the study mission also offers a unique opportunity to engage with stakeholders and establish partnerships (i.e. businesses, community organizations, and partner agencies), while learning from best practices and assessing practical applications.

### FISCAL IMPACT

Costs related to travel, airfare, lodging and per diem is estimated to be \$4,400. Funds are available in the Economic Development Department FY2023-24 budget in the General Fund.

### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of out-of-country travel meets the above criteria and is not subject to CEQA. No additional environmental review is required.

### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal D - Enhance economic vitality

Respectfully Submitted,

Wayne Wiley, Economic Development Manager

Melissa Anguiano, Economic Development Director



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Dominick Casey, City Manager

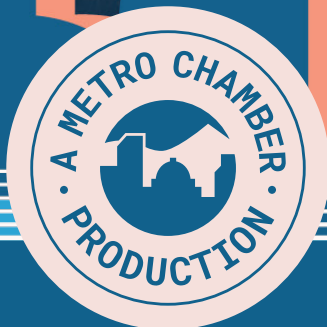
### **ATTACHMENTS:**

Description

Study Mission Flyer

# 23<sup>RD</sup> ANNUAL STUDY MISSION TORONTO SEPTEMBER 13 TO 16 2023

Sacramento → Toronto



Presented by **Sierra Health Foundation**

## FROM THE 2023 STUDY MISSION CHAIR

**“Sacramento grows more vibrant and economically competitive every year.**

Our business and community leaders drive strong inclusive economic development, in part, by gathering great ideas from around the world and adapting them to our local needs. This year’s program will continue that history as the Metro Chamber’s Study Mission will take members to Toronto, Canada on an extraordinary discovery effort. We will experience and learn from Toronto’s unique approach to strengthening community through the integration of economic growth, community development, health and culture. This is a Study Mission that should not be missed.”

**Chet Hewitt**

Sierra Health Foundation  
2023 Study Mission Chair



# TORONTO STATS #

Follow along with  
Study Mission!  
**#STUDYMISSION23**



**2,731,571**  
POPULATION

**\$85,000**  
MEDIAN HOUSEHOLD INCOME

**5.5Billion**  
VENTURE CAPITAL FUNDING

**1,484,600**  
JOBS





## STUDY MISSION OVERVIEW

The Sacramento Metro Chamber organizes an annual Study Mission to a destination in North America to learn best practices, expand thinking, inspire new ideas and provoke meaningful collaboration. Annually, the program enables local leaders to align around a common vision, strengthen relations, and collaborate on building a more vibrant community at home.

The delegation representing civic, business and elected leadership will glean insights from a cross section of Toronto's leaders through dozens of presentations, conversations, cultural experiences, and guided tours. The goal is for Sacramento's delegation to gain understanding

of Toronto's innovations, successful outcomes, unique partnerships, lessons learned and leading economic, cultural, and civic approaches.

### What makes Toronto one of the best cities in the world to live?

According to the Global Livability Index, it's Toronto's extraordinarily multicultural population that makes it shine. Forbes' 2022 list of best international cities applauded Toronto for its infrastructure, education, access to culture, sports and green space. Toronto was also

"People go great distances for great experiences."

**Scott Beck**  
CEO, Destination Toronto

recognized in 2023 as one of the best cities for students.

This year's program focuses on how Toronto embraced inclusion, culture, people and place. As a city that celebrates these values to create a potent, cultured and welcoming atmosphere, the program will feature topics of specific interest to Sacramento's pursuit of vibrant neighborhoods, civic amenities, waterfront and greenspace activation, quality of life, and mixed use/reuse of historic centers and corridors.

**Register at [metrochamber.org/studymission23](https://metrochamber.org/studymission23)**

Please note that Study Mission is a member preferred program. For membership information, please contact us 916-552-6800 or [membership@metrochamber.org](mailto:membership@metrochamber.org)



## Greater Sacramento

## Toronto

2,578,590

Population

2,731,571

\$80,216

Dollar Amount = USD

Median  
Household  
Income

\$85,000

Dollar Amount = CAD

\$160.42

Million

Dollar Amount = USD

Gross  
Domestic  
Product

\$442.18

Billion

Dollar Amount = CAD

1,255,390

Jobs

1,484,600

4.5%

Unemployment Rate

5.7%

\$1.6

Billion

Dollar Amount = USD

Venture  
Capital Funding

\$5.5

Billion

Dollar Amount = CAD

25.4

Minutes

Average Commute Time

34

Minutes

73.7%

Drive Alone

41%

11.1%

Carpool

17%

3.7%

Public Transit

37%

## Registration:

Registration costs include three nights: September 13, 14 & 15.

|                                                 |                                              |
|-------------------------------------------------|----------------------------------------------|
| Single Occupancy                                | \$3,995 per person                           |
| Double Occupancy                                | \$3,595 per person                           |
| Additional Room Nights (September 10, 11 or 12) | \$535 per room/per night (inclusive of tax)* |
| Additional Room Nights (September 16 or 17)     | \$385 per room/per night (inclusive of tax)* |
| Premium Room Upgrade                            | \$50 additional per room/per night*          |
| Air Credit                                      | (\$350) pp                                   |

\* Based on hotel availability at time of request.

## Flight Accommodations:

Group flights are operated by Air Canada or United Airlines. Alternate travel arrangements can be made by contacting Mayes Alfaris from I.S. Tours at mayesa@istours.com 916-850-1976 x 102

| Option 1                          | Group Flight      | Airport            | Departs          | Arrives          |
|-----------------------------------|-------------------|--------------------|------------------|------------------|
| Weds, Sept. 13                    | AC#758            | SMF/YYZ            | 9:20AM           | 5:08PM           |
| Sat, Sept. 16<br>(layover in SLC) | UA#568<br>UA#2132 | YYZ/DEN<br>DEN/SMF | 4:18PM<br>7:29PM | 6:07PM<br>9:07PM |

| Option 2*      | Group Flight | Airport | Departs | Arrives |
|----------------|--------------|---------|---------|---------|
| Weds, Sept. 13 | AC#758       | SMF/YYZ | 9:20AM  | 5:18PM  |
| Sun, Sept. 17  | AC#759       | YYZ/SMF | 6:25PM  | 8:49PM  |

\*Please note this flight returns on Sunday, Sept 17 & requires one additional room night.



## Hotel Accommodations:

Registration includes September 13, 14 and 15.

### The King Edward Hotel

37 King Street East  
Toronto, Ontario  
(416) 863-9700

## Event & Sponsorship Information:

### Susan Harris Brazelton

sharris@metrochamber.org / ph: 916-826-5410

## Registration Information:

### Mayes Alfaris

mayesa@istours.com / ph: 916-850-1976 x 102

## Sponsors

Presenting Sponsor



Platinum Sponsors



Chair's Reception Sponsors



Reception Sponsors

Los Rios Community  
College District  
SAFE Credit Union



Silver Sponsor

SACOG  
Paratransit

## TERMS AND CONDITIONS

**RESERVATIONS:** Reservations are based on space availability and will be confirmed upon receipt of registration and full payment.

**WAITING LIST:** If the program sells out, only upon submission of a waiting list form will you be put on the waiting list. If there is a cancellation, the first person on the list will be contacted and a notice with invoice will be e-mailed.

**PAYMENTS:** Please make checks payable to I.S.Tours. Registration payments are due no later than September 01, 2023. All payments received after September 01, 2023, are considered late and will be charged a \$100.00 late processing fee. Confirmation is subject to space availability at prevailing rates. Please note that payments by credit card (Visa, MasterCard or American Express) will incur a convenience fee of up to 3.1%. Your statement will reflect the name of I.S. Tours when the charge is posted. NOTE: Your travel documents WILL NOT BE RELEASED if payment is not received by September 01, 2023.

**NAME CHANGES:** Name changes are allowed without a fee prior to August 10, 2023. From August 10 - September 8, 2023, name changes are allowed with

a \$200 charge. No name changes are allowed after September 8, 2023. A change of name form must be provided and emailed to I.S.Tours at mayesa@istours.com. I.S.Tours assumes no responsibility with respect to monies between participants.

**CHANGES:** The Sacramento Metro Chamber has the right to withdraw the program, or any part of it to make such alterations in the itinerary deemed necessary, or to substitute services of comparable value. Unused portions of the program are not refundable.

**EXPENSES:** Prices include only those services specifically stated in your tour package. Items such as room service, telephone calls, optional activities and other incidental items not specifically stated in your package, are not included.

**CANCELLATIONS:** Cancellations must be made in writing and must be emailed to I.S.Tours at mayesa@istours.com. A \$250.00 per person penalty plus any hotel and airline penalties will apply from date of booking through July 1, 2023. July 2 - August 10, 2023, a \$500 per person penalty plus any hotel and airline penalties will apply. From August 11, 2023, to date of departure, the full registration fee is non-refundable and may result in loss of entire program

cost. There are no refunds for no-shows.

**RESPONSIBILITY:** The Sacramento Metro Chamber and I.S.Tours, their representatives and agents act only as intermediaries between travel program participants and airlines, hotels and other public service organizations. Both the Sacramento Metro Chamber and I.S.Tours disclaim any liability for claims, losses, damages, costs for expenses arising out of injury, accident or death, inconvenience, loss of enjoyment, loss of pay, upset disappointments, distress or frustration, whether physical or mental resulting from acts of God, weather, overbooking incurred by said persons or operators to either passengers or baggage from whatsoever cause.

I.S.Tours MAINTAINS A TRUST ACCOUNT (#3368097493) to protect its clients' payments pending distribution to suppliers. Additionally, I.S.Tours participates in California's Travel Consumer Restitution Fund. Our registration number is 2085879-40. A claim can be filed with the California State Attorney General within 60 days after you suffer or become aware of loss. Registration as a seller of travel does not constitute approval by the state of California.

**AIR TRANSPORTATION:** For scheduled service, Air Canada and United Airlines are the official airlines for the 2023 Study Mission. Flight delays and cancellations can occur and are completely outside of the control or responsibility of the Sacramento Metro Chamber and I.S.Tours. In the event of a delay or cancellation, Air Canada and/or United Airlines, not I.S.Tours, determines and provides the compensation, if any, to be provided to passenger(s). Air Canada group tickets cannot be changed and are non-refundable/non-reusable once ticketed. United Airlines tickets are non-refundable once ticketed. Please verify baggage policy for each carrier prior to departure.

**DOCUMENTATION:** ALL passengers must present a valid U.S. or Canadian passport to travel into Canada and back into the United States. You must submit your name as it appears on this document and your date of birth, as required by TSA. Failure to comply may result in denied boarding and no refunds will apply. Please visit <https://travel.state.gov/content/travel/en/international-travel/International-Travel-Country-Information-Pages/Canada.html> for specific details.





## COUNCIL COMMUNICATION

**CC #: 2874**  
**File #: 0106-02**

**Title:** Response to 2022-2023 Grand Jury Final Report: Spending on Homelessness Within Placer County  
**Contact:** Dion Louthan 916-774-5362 dlouthan@roseville.ca.us

**Meeting Date: 8/16/2023**  
**Item #: 6.26.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution authorizing the Mayor to execute a response to the Placer County Grand Jury's 2022-23 Final Report: Spending on Homelessness Within Placer County, on behalf of the City Council.

### BACKGROUND

On June 27, 2023, the Placer County Grand Jury issued its 2022-23 Final Report: Spending on Homelessness Within Placer County. The report included five (5) findings and two (2) recommendations, based on the Grand Jury's investigations, as required by law. Of the two (2) recommendations, the Roseville City Council was directed to provide a response to recommendation #2 only. Upon approval by the City Council, the response will be provided to the Presiding Judge of the Placer County Superior Court and to the Placer County Grand Jury.

### FISCAL IMPACT

There is no fiscal impact associated with this particular request.

### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §20165 and CEQA State Guidelines §15060(c)(3) and §15378. A grand jury report meets the above criteria and is not subject to CEQA. No additional environmental review is required.

### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

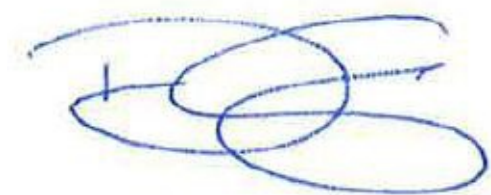


Goal A - Remain fiscally responsible in a changing world  
Goal B - Support community engagement and advocacy  
Goal C - Maintain a safe and healthy community

Respectfully Submitted,

Dion Louthan, Assistant City Manager

Dominick Casey, City Manager



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Dominick Casey, City Manager

**ATTACHMENTS:**

**Description**

Resolution 23-340

2022-23 Response to Grand Jury Final Report

2023-23 Grand Jury Report on Homelessness within Placer County

RESOLUTION NO. 23-340

AUTHORIZING THE MAYOR TO EXECUTE THE  
RESPONSE TO THE 2022-23 GRAND JURY FINAL REPORT  
ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, on June 27, 2023, the Placer County Grand Jury issued a final report entitled “*Spending on Homelessness Within Placer County*”; and

WHEREAS, the report included five (5) findings and two (2) recommendations, based on the Grand Jury’s investigations, as required by law; and

WHEREAS, of the two (2) recommendations, the Roseville City Council was directed to provide a response, along with the Mayor, to recommendation #2 only; and

WHEREAS, upon approval by the City Council, the responses will be provided to the Presiding Judge of the Placer County Superior Court and to the Placer County Grand Jury; and

WHEREAS, the response to the 2022-23 Grand Jury Final Report, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that the Mayor is hereby authorized to execute the response to the 2022-23 Grand Jury Final Report on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_day of \_\_\_\_\_, 20\_\_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
City Clerk



**City Council**  
311 Vernon Street  
Roseville, California 95678

August 16, 2023

The Honorable Alan V. Pineschi  
Presiding Judge  
Superior Court County of Placer  
P.O. Box 619072  
Roseville, CA 95661

The Honorable Suzanne I. Gazzaniga  
Advising Grand Jury Judge  
Superior Court County of Placer  
P.O. Box 619072  
Roseville, CA 95661

Barbara Ferguson  
Foreperson  
2022-2023 Placer County Grand Jury  
11532 B Avenue  
Auburn, CA 95603

**Re: Response to 2022-2023 Grand Jury Final Report  
Spending on Homelessness Within Placer County**

Dear Honorable Judge Pineschi, Honorable Suzanne I. Gazzaniga, and Placer County Grand Jury:

We would like to thank the Placer County Grand Jury for your continued dedication to the citizens of Placer County. We are pleased to submit our response to the 2022-2023 Grand Jury Final Report: Spending on Homelessness Within Placer County.

Report Title: Spending on Homelessness Within Placer County  
Report Date: Released to the public on June 27, 2023  
Response By: Mayor Bruce Houdesheldt on behalf of City of Roseville City Council

**FINDINGS**

The 2022-2023 Grand Jury Final Report: Spending on Homelessness Within Placer County contains five (5) specific findings. Pursuant to Penal Code § 933(c), we provide the following responses to those findings “pertaining to matters under the control” of the City of Roseville. For those findings that are not “pertaining to matters under the control” of the City of Roseville, the response will note that.

We agree with the findings numbered: F1 and F4.

We disagree, in whole or in part, with the findings numbered: F3 and F5.

As to finding numbered F2, we are unable to provide a response because the matter is not under the control of the City of Roseville (per Penal Code § 933(c)) and we lack personal knowledge as to the finding.

**F3: It appears there is little to no communication or coordination of spending among the incorporated cities and town, and the county.**

Response to F3- We disagree with this finding insofar as it concludes that the City of Roseville does not communicate or coordinate spending and resources related to homelessness with the other jurisdictions in Placer County. The City of Roseville continually coordinates and communicates with the other incorporated cities, town, and Placer County on spending related to homelessness. The City of Roseville, as with the other incorporated cities, town, and Placer County, actively participates in the Regional Working Group on homelessness. The Regional Working Group consists of representatives from each of these jurisdictions, the local Continuum of Care, and regional partners to address homelessness, including coordination on spending.

Moreover, in many cases, funding sources for the City of Roseville flow through Placer County, which necessitates coordination and communication in order for the City of Roseville to receive and allocate those pass-through funds.

Additionally, the City of Roseville Housing Authority has jurisdiction over Roseville and Rocklin (Placer County Housing Authority also has jurisdiction over Rocklin). The City of Roseville Housing Authority administers funding to Rocklin residents (often as a form of homelessness prevention) as part of their operations. This administration over Roseville and Rocklin, requires close coordination and communication between Roseville, Rocklin, and Placer County.

The above examples are meant to be illustrative of the types of coordination and communication that exist amongst the various agencies and is not an exhaustive list.

**F5: The five incorporated cities and one incorporated town in Placer County do not have homeless budget line items that define sources of funding and expenditures.**

Response to F5- The City of Roseville is unable to provide a response as it relates to the other incorporated cities, one incorporated town, and Placer County because the matter is not under the control of the City of Roseville (per Penal Code § 933(c)) and we lack personal knowledge as to the findings.

As to the City of Roseville only, we partially disagree with this finding insofar as it concludes the City of Roseville budget does not identify sources of funding and expenditures related to homelessness. We agree that there is not a single “homeless budget” line item, as most of the funding for homelessness (including the sources of funding and expenditures) are included in the individual budget line items for the specific departments, services, or programs where the funding is utilized. All sources of funding and expenditures related to homelessness are included in the City of Roseville’s budget and budget documents, but we agree it is not delineated in a single “homeless budget” line item.

**RECOMMENDATION**

**R2 – Each of the five incorporated cities and one incorporated town in Placer County establish a full accounting of homeless funding and expenditures to its citizens on an annual basis by January 1, 2024, and include in the annual budget going forward.**

Response to R2- Recommendation R2, has not yet been implemented, but will be partially implemented as part of the next annual budget. Part of recommendation R2 will not be implemented, to the extent it is requiring a program level budget on homelessness, because it is not

reasonable. To clarify, the City of Roseville's budget is established by fund and department, not by program. Program budgeting is not practical as it would require significant and expensive changes to the City of Roseville's financial systems. Recommendation R2 will be implemented in the form of a summary of the budget for homeless funding and expenditures in the annual budget documents going forward.

We again would like to thank the 2022-2023 Placer County Grand Jury for its report and service to the City of Roseville.

Sincerely,

Bruce Houdesheldt  
Mayor, and on Behalf of the Roseville City Council

Cc: Roseville City Council  
Roseville City Attorney  
Roseville City Clerk  
Placer County Board of Supervisors  
Placer County Executive Officer  
Placer County Health and Human Services Director

# Spending on Homelessness Within Placer County



*Photo Credit: Richard Ferguson, February 2, 2023*



## Spending on Homelessness Within Placer County

### Summary

The 2020-2021 and 2021-2022 Placer County Grand Juries published reports on the homeless population in Placer County. On June 14, 2022, the Board of Supervisors published a chart showing County of Placer government spending of approximately \$20 million for FY 2021 to 2022. The 2022-2023 grand jury found the total spending by city, town, and county during July 2021 through March 2023 amounted to more than \$80 million.

### Glossary

**Advocates for Mentally Ill Housing:** Non-profit organization dedicated to the homeless and operating in Placer County. Advocates for Mentally Ill Housing has been granted the contract to manage the Hampton Inn/Sun Rose Apartments in Roseville and the 7 Pines Motel in Tahoe.

**All-States Funding Report:** The Department of Housing and Urban Development annually publishes the All-States Funding Report. This report shows Housing and Urban Development funds for the homeless by county.

**American Rescue Plan Act:** Known as the federal COVID-19 stimulus package.

**First Step Communities:** A non-profit organization dedicated to the homeless.

**IRS Form 990:** An IRS tax form on revenue and expenses filed by organizations exempt from income tax.

**Low/no barrier shelter:** An overnight or temporary housing accommodation for individuals who are homeless, provided directly by or through county contracted service agencies, for the purpose of providing shelter to individuals without the imposition of identification, time limits, or any other program requirements.

**PIT Count:** Point-in-Time head count conducted annually, on one night typically in January, of sheltered and unsheltered individuals experiencing homelessness. For the year 2023 the count was 709 individuals.

**The Gathering Inn:** A non-profit organization dedicated to the homeless and operating in Placer County.

**Sun Rose Apartments:** Formerly the Hampton Inn, a Roseville hotel being converted into an eighty-two-room permanent housing facility for the homeless.



## Background

The 2021-2022 grand jury published an extensive report covering a variety of concerns related to the homeless population. The grand jury report found that “No Placer County official was able to provide the grand jury accurate statistics related to costs and funding of the homeless.”<sup>1</sup> The Board of Supervisors (BOS) later provided a chart, dated June 14, 2022, listing the county’s annual homeless budget at approximately \$20 million (Appendix A). The 2022-2023 grand jury is seeking to quantify how much money is actually spent on homelessness throughout the county.

During its investigation, the grand jury experienced challenges in determining sources, amounts, and uses of funding. Some of this is due to different reporting periods by many stakeholders. Despite these challenges, the 2022-2023 grand jury was able to identify many, but not all, sources of funding, amounts, and reporting periods.

The grand jury learned there is a lack of coordination and budgeting among city, town, county, state, and federal sources providing funding. Additionally, there are no line items identifying homeless spending in the five city budgets, one town budget, or in the county budget.

## Methodology

The grand jury interviewed numerous cities, town, and county officials. Past grand jury reports and responses, city, town, and county budgets, state grants, IRS Form 990 filings, and Federal Department of Housing and Urban Development (HUD ) grants were also reviewed. The entities listed in this report do not follow the same reporting principles; therefore, a definitive time span regarding overall spending within the county, as a whole, could not be reconciled by the grand jury.

## Discussion

In its detailed budget, the county can quantify monies received and disbursed by department. Similarly, city budgets do the same. An example of this is the Enterprise Fund in the county’s 2022-2023 budget (Appendix B). This budget item is broken down with line items for revenues and shows expenditures for that same department. Specific monies received and disbursed for homeless services, however, are not listed in any county or city departments’ line-item budgets.

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<sup>1</sup> Placer County Grand Jury 2021-2022 Final Report, page 65, Finding 3, [final-report-v3-release-june-30.pdf \(ca.gov\)](#). Accessed February 7, 2023.

## Cities and Towns

The grand jury conducted interviews with officials from the five cities and one incorporated town in Placer County. The chart below contains information received.

| City/Town    | Expenditure                | Detail                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Auburn       | \$0                        | No funds budgeted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Colfax       | \$0                        | No funds budgeted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Lincoln      | \$45,000                   | Funds for clean-up only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Loomis       | \$0                        | No funds budgeted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Rocklin      | \$110,475                  | <ul style="list-style-type: none"> <li>• \$60,475 for The Gathering Inn (TGI) Homeless Prevention and Rapid Rehousing Program in the Community Development Block Grant (CDBG) Low- and Moderate-Income Housing Asset Fund.</li> <li>• \$50,000 for the TGI Homeless Prevention and Rapid Rehousing program in the CDBG Coronavirus 2019 CARES Act Fund.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Roseville    | \$17,200,000               | <ul style="list-style-type: none"> <li>• \$15.1 million for its Economic Development and Housing Department budget for affordable housing programs and homeless prevention. Of this amount the city estimates that \$8.5 million is federal funding and \$3.8 million is state funding.</li> <li>• Police estimates its budgeted costs to be \$1.625 million in the current fiscal year.</li> <li>• Parks, Recreation and Libraries Department staff estimates the current fiscal year budget includes \$330,000 for open space cleanup.</li> <li>• Public works department estimates \$47,000 in its current year budget for debris cleanup and \$81,000 for facilities maintenance and custodial services.</li> <li>• The city attorney's office estimates its current budget includes \$53,000 for time spent on homelessness issues.</li> </ul> |
| <b>Total</b> | <b><u>\$17,355,475</u></b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

Roseville is the largest city in Placer County and accounts for nearly 38 percent of the county's population. The response from Roseville was a complete accounting of their expenditures and lists many of the ancillary homeless costs not mentioned by other cities.

## State Funding

A large percentage of funding that comes into Placer County is in the form of state grants. A portion of this money was spent in acquiring hotels for housing. In 2022 the purchase of the Hampton Inn in Roseville, now the Sun Rose Apartments, was approved for conversion into an eighty-two-room permanent housing facility to be managed by AMI.<sup>2</sup> The cost of the purchase, including improvements and management, through June 30, 2023, is \$23.5 million.

Using various grant funding sources, the 7 Pines Motel in Tahoe, consisting of fourteen units, was purchased by the Placer County in 2020 for \$1.45 million. The motel will be owned and managed by AMI Housing, who was awarded the contract to operate this facility for the period October 1, 2019, through June 30, 2023. Furthermore, on January 24, 2023, the BOS authorized increasing the base contract by an additional \$700,000, not to exceed a total of \$2,207,835.<sup>3</sup> The contract also stipulates that the additional funds must be expended by June 25, 2023.

The Sun Rose Apartments and the 7 Pines Motel are in the process of being retrofitted. The following amounts include purchase price, retrofitting, ongoing management, closing, and remodeling costs:

|                                               |                            |
|-----------------------------------------------|----------------------------|
| Sun Rose Apartments in Roseville <sup>4</sup> | \$23,500,000               |
| 7 Pines Motel in Tahoe <sup>5</sup>           | \$2,207,835                |
| <b>Total</b>                                  | <b><u>\$25,707,835</u></b> |

## Legal Settlement

On January 24, 2023, because of a settlement reached with thirty-three unhoused individuals, the BOS approved a six-month agreement with First Step Communities (FSC) to manage a temporary low-barrier shelter located on the Placer County Government Center grounds. As a further outcome of this settlement the BOS increased the value of the contract with FSC from \$100,000 to \$1.088 million. These funds were awarded to the county through an American Rescue Plan Act (ARPA) Federal grant.

In addition to the \$1.088 million spent on the temporary low-barrier shelter, the BOS approved each of the thirty-three plaintiffs be awarded \$4,000. The attorney representing the plaintiffs received \$50,000. This increased the settlement costs by \$182,000, bringing the total amount to \$1.27 million for the first six months of operation. At the end of six

<sup>2</sup> AMI Housing Inc., [www.amihousing.org](http://www.amihousing.org). Accessed November 27, 2022.

<sup>3</sup> [Board of Supervisors Agenda - PLACER COUNTY \(ca.gov\)](#). Accessed May 17, 2023.

<sup>4</sup> [Roseville hotel to be converted into permanent housing for homeless - Roseville Today](#) April 28, 2022. Accessed November 12, 2022.

<sup>5</sup> [County acquires Tahoe property as part of 'Project Homekey' | Placer County, CA](#). Accessed November 11, 2022.

months the county will re-evaluate whether to extend the program and put the contract through a bidding process.

Further, the BOS at its February 28, 2023 meeting, approved providing two meals a day to individuals who reside at the low barrier shelter. This adds an additional \$40,000 to the settlement cost bringing the total cost to \$1.31 million.<sup>6</sup>



*Photo credit: Placer County Public Affairs*

### **Federal Funding**

The Department of Housing and Urban Development annually publishes the All-States Funding (ASF) Report. The report of the funds granted to Placer County in calendar year 2021 is listed below. The amount of money granted by HUD, in calendar year 2021, totaled \$1,499,064. At the time of this writing, ASF for Placer County has not been published for 2022.

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<sup>6</sup> [Placer County to provide meals at temporary shelter in Auburn - Roseville Today](#). Accessed March 1, 2023.

**2021 All-States Funding Report (excerpt) <sup>7</sup>**  
**Department of Housing and Urban Development**

| <b><u>State</u></b> | <b><u>City/County</u></b>              | <b><u>Funding Recipient</u></b>                                    | <b><u>Funding Source</u></b>                    | <b><u>Funding Amount</u></b> |
|---------------------|----------------------------------------|--------------------------------------------------------------------|-------------------------------------------------|------------------------------|
| California          | Roseville,<br>Rocklin/Placer<br>County | Homeless Resource<br>Council of the Sierras                        | CA-515 Planning<br>Grant 2021                   | \$39,247                     |
| California          | Roseville,<br>Rocklin/Placer<br>County | Stand Up Placer, Inc.                                              | Stand Up Placer<br>Permanent Housing<br>2021    | \$298,899                    |
| California          | Roseville,<br>Rocklin/Placer<br>County | Placer County Health<br>and Human Services<br>Adult System of Care | ASOC Permanent<br>Supportive Housing<br>FY2 021 | \$502,979                    |
| California          | Roseville,<br>Rocklin/Placer<br>County | Placer County Health<br>and Human Services<br>Adult System of Care | ASOC Project Based<br>SPC FY2021                | \$49,860                     |
| California          | Roseville,<br>Rocklin/Placer<br>County | Placer County Health<br>and Human Services<br>Adult System of Care | Shelter Plus Care<br>Renewal FY2021             | \$421,628                    |
| California          | Roseville,<br>Rocklin/Placer<br>County | Placer County Health<br>and Human Services<br>Adult System of Care | AMIHPSH FY 2021                                 | \$21,060                     |
| California          | Roseville,<br>Rocklin/Placer<br>County | Homeless Resource<br>Council of the Sierras                        | CA-515 HMIS<br>Renewal FY2021                   | \$51,266                     |
| California          | Roseville,<br>Rocklin/Placer<br>County | Stand Up Placer, Inc.                                              | Stand Up Placer DV<br>Bonus 2021                | \$114,125                    |
| <b><u>Total</u></b> |                                        |                                                                    |                                                 | <b><u>\$1,499,064</u></b>    |

<sup>7</sup> <https://www.hud.gov/sites/dfiles/CPD/documents/All-States-2021-Funding-Report.xlsx>.  
Accessed November 11, 2022.



## Non-Profits

The grand jury examined the funding provided by non-profit organizations by reviewing IRS forms 990. Two of the larger and dedicated non-profits are The Gathering Inn (TGI) and Advocates for Mentally Ill Housing (AMI). These organizations support the approximately 709 homeless individuals per the 2023 Point-in-Time (PIT) Count.<sup>8, 9</sup>

The most recent IRS form 990 filings the grand jury could obtain were for the year 2020. The filings by TGI and AMI showed revenues of \$6,506,165 and \$8,138,694, respectively. Both organizations receive a portion of revenues from government funds. The Gathering Inn disclosed that \$3,949,302 came from government grants, which accounts for 60.7 percent of their funding. For the same period AMI reported that \$3,963,600 came from government grants, or 48.7 percent. For the purpose of this report, non-profits account for approximately \$15 million. Additional money from other non-profits varies from year to year.

## Total Funding

| Source of Funds        | Amount              | Percentage of Total Funding |
|------------------------|---------------------|-----------------------------|
| Placer County          | \$20,000,000        | 24.7%                       |
| Cities                 | \$17,355,475        | 21.5%                       |
| Legal settlement       | \$1,310,000         | 1.6%                        |
| State funding          | \$25,707,835        | 31.8%                       |
| Federal funding        | \$1,498,884         | 1.9%                        |
| Non-profits (estimate) | \$15,000,000        | 18.5%                       |
| <b>Total</b>           | <b>\$80,872,194</b> | <b>100%</b>                 |

## Future Spending

In next year's state budget approximately \$3 billion, from the general fund, has been earmarked for homelessness. It is unknown at this time how much of this money will be allocated to Placer County, its cities and town.

<sup>8</sup> HUD Exchange "Point-in Time Count and Housing Inventory count", [www.hudexchange.info/programs/hdx/pit-hic/](http://www.hudexchange.info/programs/hdx/pit-hic/). Accessed April 18, 2022.

<sup>9</sup> [Homelessness appears to decline in Placer County: new data | The Sacramento Bee \(sacbee.com\)](https://www.sacbee.com/news/california/placer-county/homelessness/article268444441-1/homelessness-decline-placer-county-new-data-the-sacramento-bee). Accessed May 17, 2023.

## Conclusion

The grand jury discovered over \$80 million was spent in the county for the periods covered in this report. The money came from funds distributed by county, cities, town, state, federal, and non-profits. The 2023 PIT count of 709 individuals represents 0.2 percent of the Placer County population of 412,300.<sup>10</sup>

Through all of its research, the grand jury found no evidence that the county, town, and cities coordinate or discuss monies being spent or possible funding opportunities.

## Findings

The grand jury found:

- F1: Spending for homelessness in Placer County exceeded \$80 million for the periods covered in this report and is made up of funding by city, town, county, state, federal, and non-profit organizations.
- F2: The Placer County does not clearly define or report all sources of funding and expenditures on homelessness in the county budget.
- F3: It appears there is little to no communication or coordination of spending among the incorporated cities and town, and the county.
- F4: Funding for homelessness services comes from various sources including city, town, county, state and federal governments, and non-profit organizations.
- F5: The five incorporated cities and one incorporated town in Placer County do not have homeless budget line items that define sources of funding and expenditures.

## Recommendations

The grand jury recommends that:

- R1: Placer County establish a full accounting of homeless funding and expenditures to citizens on an annual basis by January 1, 2024, and include in the annual budget going forward.
- R2: Each of the five incorporated cities and one incorporated town in Placer County establish a full accounting of homeless funding and expenditures to its citizens on an annual basis by January 1, 2024, and include in the annual budget going forward.

## Request for Response:

Pursuant to Penal Code § 933.05, the Placer County Grand Jury requests a response from the following governing bodies:

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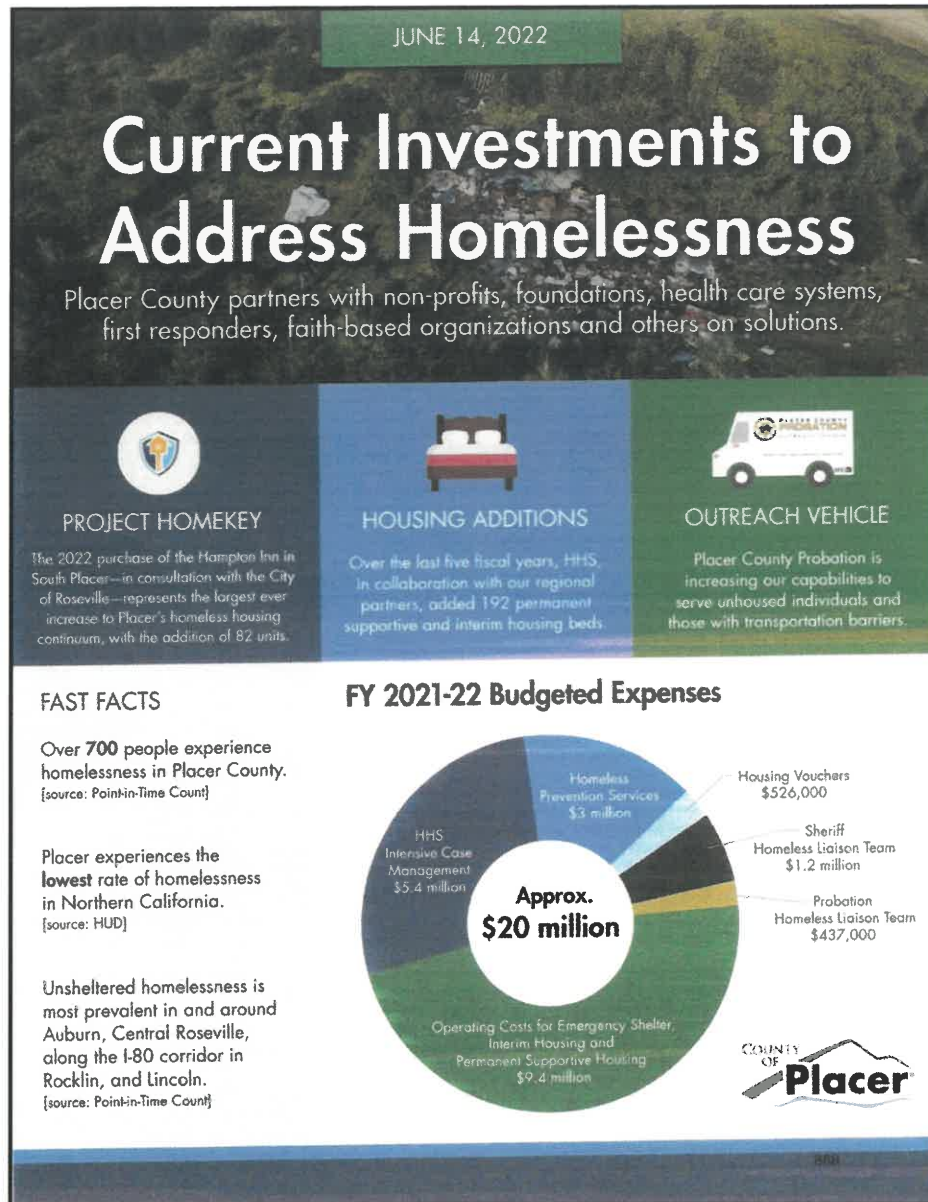
<sup>10</sup> July 1, 2021 census, [www.census.gov/quickfacts/placercountycalifornia](https://www.census.gov/quickfacts/placercountycalifornia), U.S. Census Bureau QuickFacts: Placer County, California. Accessed March 9, 2023.

|                                                                                                         | <b><u>Recommendations<br/>Requiring Response</u></b> | <b><u>Response<br/>Due Date</u></b> |
|---------------------------------------------------------------------------------------------------------|------------------------------------------------------|-------------------------------------|
| <b>Placer County Board of Supervisors</b><br>175 Fulweiler Ave<br>Auburn, CA 95603                      | <b>R1</b>                                            | <b>October 1, 2023</b>              |
| <b>Auburn City Council</b><br>1225 Lincoln Way<br>Auburn, CA 95603                                      | <b>R2</b>                                            | <b>October 1, 2023</b>              |
| <b>Colfax City Council</b><br>33 South Main St<br>Colfax, CA 95713                                      | <b>R2</b>                                            | <b>October 1, 2023</b>              |
| <b>Lincoln City Council</b><br>600 6th St<br>Lincoln, CA 95648                                          | <b>R2</b>                                            | <b>October 1, 2023</b>              |
| <b>Loomis Town Council</b><br>3665 Taylor Rd<br>Loomis, CA 95650                                        | <b>R2</b>                                            | <b>October 1, 2023</b>              |
| <b>Rocklin City Council</b><br>4060 Rocklin Rd<br>Rocklin, CA 95677                                     | <b>R2</b>                                            | <b>October 1, 2023</b>              |
| <b>Roseville City Council</b><br>311 Vernon St<br>Roseville, CA 95678                                   | <b>R2</b>                                            | <b>October 1, 2023</b>              |
| <b>Copies Sent to:</b>                                                                                  |                                                      |                                     |
| <b>Placer County Executive Officer</b><br>175 Fulweiler Ave<br>Auburn, CA 95603                         |                                                      |                                     |
| <b>Placer County Health and Human Services</b><br>Director<br>3901 County Center Dr<br>Auburn, CA 95603 |                                                      |                                     |



## Appendices

### Appendix A County Spending<sup>11</sup>



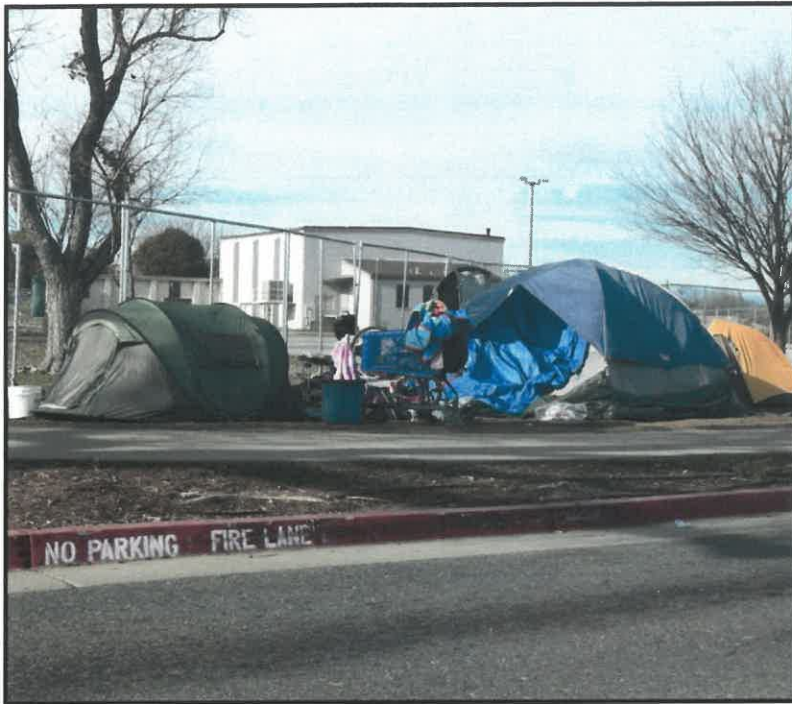
<sup>11</sup> Current Investments to Address Homelessness, [Investments in Homelessness 6.14.22 v5 \(ca.gov\)](https://www.placer.ca.gov/DocumentCenter/View/62346/Investments-in-Homelessness), [www.placer.ca.gov/DocumentCenter/View/62346/Investments-in-Homelessness](https://www.placer.ca.gov/DocumentCenter/View/62346/Investments-in-Homelessness). Accessed February 7, 2023.

## Appendix B - Budget Example<sup>12</sup>

| Public Works                                                                               |                      |                           |                                  |                           |
|--------------------------------------------------------------------------------------------|----------------------|---------------------------|----------------------------------|---------------------------|
| County of Placer<br>Cost Center Budget Detail<br>Governmental Funds<br>Fiscal Year 2022-23 |                      |                           |                                  |                           |
| Fund: Road Fund<br>Cost Center: CC19006 Engineering                                        |                      |                           |                                  |                           |
| Ledger Account                                                                             | 2020-21<br>Actuals   | 2021-22<br>Adopted Budget | 2022-23<br>Recommended<br>Budget | 2022-23<br>Adopted Budget |
| 1                                                                                          | 2                    | 3                         | 4                                | 5                         |
| <b>Revenue</b>                                                                             |                      |                           |                                  |                           |
| Sales and Use Taxes                                                                        | 25,000               | -                         | -                                | -                         |
| Vehicle Code Fines                                                                         | 6,538                | 7,500                     | 7,500                            | 7,500                     |
| Investment Income                                                                          | 996                  | -                         | -                                | -                         |
| Federal Aid - Construction                                                                 | 12,631,811           | 30,073,000                | 15,125,000                       | 15,125,000                |
| Federal Aid - Other Programs                                                               | 439,387              | 298,000                   | -                                | -                         |
| State Highway Users Tax                                                                    | 404,940              | -                         | 2,570,000                        | 2,570,000                 |
| State Aid - Construction                                                                   | 508,899              | 2,773,000                 | 4,422,000                        | 4,422,000                 |
| State Aid - Other Programs                                                                 | 248                  | -                         | -                                | -                         |
| Aid from Other Agencies                                                                    | (18,249)             | -                         | -                                | -                         |
| Planning and Engineering Services                                                          | 33,079               | 40,000                    | 40,000                           | 40,000                    |
| Road and Street Services                                                                   | 1,424,571            | -                         | -                                | -                         |
| Other Fees and Charges                                                                     | 3,728,119            | 3,120,000                 | 2,503,000                        | 2,503,000                 |
| Insurance - Other                                                                          | 5,660                | -                         | -                                | -                         |
| Miscellaneous                                                                              | 975                  | -                         | -                                | -                         |
| Contributions from General Fund                                                            | 884,109              | -                         | -                                | -                         |
| Operating Transfers In                                                                     | 4,857,338            | 19,307,584                | 19,960,000                       | 19,960,000                |
| <b>Total Revenue</b>                                                                       | <b>\$ 24,933,420</b> | <b>\$ 35,619,084</b>      | <b>\$ 44,627,500</b>             | <b>\$ 44,627,500</b>      |
| <b>Expenditures / Appropriations</b>                                                       |                      |                           |                                  |                           |
| Salaries and Wages                                                                         | 3,635,811            | 3,774,716                 | 3,683,615                        | 3,683,615                 |
| Salary Savings                                                                             | -                    | (262,081)                 | (249,320)                        | (249,320)                 |
| Employee Paid Sick Leave                                                                   | 71,044               | -                         | -                                | -                         |
| Extra Help                                                                                 | -                    | 5,000                     | 5,000                            | 5,000                     |
| Overtime and Call Back                                                                     | 5,838                | 5,000                     | 5,000                            | 5,000                     |
| Cafeteria Plans (Non-PERS)                                                                 | 184,499              | 200,574                   | 195,865                          | 195,865                   |
| Uniform Allowances                                                                         | 1,077                | 1,200                     | 1,200                            | 1,200                     |
| Retirement                                                                                 | 1,167,000            | 1,397,615                 | 1,409,810                        | 1,409,810                 |
| Payroll Tax                                                                                | 268,021              | 279,347                   | 274,825                          | 274,825                   |
| Other Postemployment Benefits (OPEB)                                                       | 201,131              | 137,280                   | 98,145                           | 98,145                    |
| 401 (k) Employer Match                                                                     | 2,345                | 2,250                     | 2,250                            | 2,250                     |
| Employee Group Insurance                                                                   | 510,521              | 523,633                   | 554,830                          | 554,830                   |
| Workers Comp Insurance                                                                     | 16,874               | 17,286                    | 23,695                           | 23,695                    |
| Communication Services Expense                                                             | 20,042               | 25,000                    | 17,000                           | 17,000                    |
| Janitorial Supplies                                                                        | 203                  | -                         | -                                | -                         |
| Refuse Disposal                                                                            | 7,347                | 500                       | 7,000                            | 7,000                     |
| Insurance                                                                                  | 68,362               | 95,939                    | 73,660                           | 73,660                    |
| Parts                                                                                      | 2,081                | -                         | -                                | -                         |
| Maintenance                                                                                | 33,831               | 35,000                    | 30,000                           | 30,000                    |
| Maintenance - Building                                                                     | 23,983               | 29,228                    | 32,450                           | 32,450                    |
| Materials - Buildings & Improvements                                                       | 128                  | -                         | -                                | -                         |
| Services                                                                                   | 9                    | -                         | -                                | -                         |
| Professional / Membership Dues                                                             | 16,433               | 10,000                    | 10,000                           | 10,000                    |
| Services and Supplies                                                                      | 79                   | -                         | -                                | -                         |
| Misc Expense                                                                               | 346                  | -                         | -                                | -                         |
|                                                                                            | 363                  |                           | 2022-2023 Adopted Budget         |                           |

<sup>12</sup> Placer County FY 2022-2023 Budget, Page 363, [FY-22-23-Budget-Book-Final \(ca.gov\)](http://www.placer.ca.gov/DocumentCenter/View/62118/FY-22-23-Budget-Book-Final), [www.placer.ca.gov/DocumentCenter/View/62118/FY-22-23-Budget-Book-Final](http://www.placer.ca.gov/DocumentCenter/View/62118/FY-22-23-Budget-Book-Final). Accessed February 7, 2023.

## Additional Photos



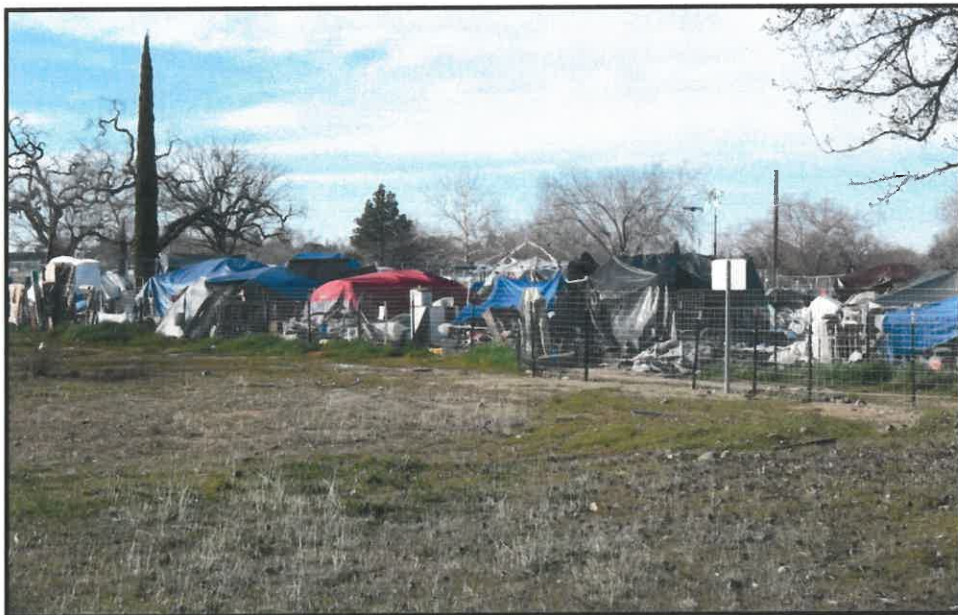
*Photo Credit: Richard Ferguson, February 2, 2023*







*Photo Credit: Barbara Ferguson, February 12, 2023*







## COUNCIL COMMUNICATION

**CC #: 2866**  
**File #: 0106-04**

**Title:** League of California Cities Annual Conference 2023 – Designation of Voting Delegate  
**Contact:** Mark Wolinski 916-774-5179 mwolinski@roseville.ca.us

**Meeting Date: 8/16/2023**  
**Item #: 6.27.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council appoint, by motion, Council Member Scott Alvord as the voting delegate and Scott Pettingell, Assistant Finance Director, as the alternate voting delegate to the League of California Cities business meeting of the General Assembly.

### BACKGROUND

The League of California Cities Annual Conference is being held September 20-22, 2023 in Sacramento, CA. The annual business meeting will be held on Friday, September 22, 2023, when the membership takes action on resolutions that establish League policy.

In order to vote at the Annual Business Meeting, the City Council must designate a voting delegate. The 2023 Annual Conference Voting Delegate Form is then filed with the League to confirm the voting delegate. (Attachment A) The League Designated voting delegates registered to attend the Annual Conference constitute the League's General Assembly. Voting during the business meeting is an important aspect of the conference where the membership takes action on conference resolutions. Annual conference resolutions guide cities and the League in efforts to improve the quality, responsiveness and vitality of local government in California.

### FISCAL IMPACT

Registration is approximately \$650 per delegate and the funds were approved in the City Council's and Finance Department's FY2023-24 budgets in the General Fund.

### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines

§15060(c)(3) and §15378. The designation of a voting delegate meets the above criteria and is not subject to CEQA. No additional environmental review is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal B - Support community engagement and advocacy

Respectfully Submitted,

Mark Wolinski, Government Relations Administrator

Megan Scheid, Deputy City Manager

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line, positioned above a horizontal line.

---

Dominick Casey, City Manager

**ATTACHMENTS:**

Description

League Voting Delegate Form 2023 - Attachment A

## General Assembly Voting Guidelines

1. **One City One Vote.** Each member city has a right to cast one vote on matters pertaining to Cal Cities policy.
2. **Designating a City Voting Representative.** Prior to the Cal Cities Annual Conference and Expo, each city council may designate a voting delegate and up to two alternates; these individuals are identified on the voting delegate form provided to the Cal Cities Credentials Committee.
3. **Registering with the Credentials Committee.** The voting delegate, or alternates, may pick up the city's voting card at the voting delegate desk in the conference registration area. Voting delegates and alternates must sign in at the voting delegate desk. Here they will receive a special sticker on their name badge and thus be admitted to the voting area at the General Assembly.
4. **Signing Initiated Resolution Petitions.** Only those individuals who are voting delegates (or alternates), and who have picked up their city's voting card by providing a signature to the credentials committee at the voting delegate desk, may sign petitions to initiate a resolution.
5. **Voting.** To cast the city's vote, a city official must have in their possession the city's voting card and voting tool; and be registered with the credentials committee. The voting card may be transferred freely between the voting delegate and alternates but may not be transferred to another city official who is neither a voting delegate nor alternate.
6. **Voting Area at General Assembly.** At the General Assembly, individuals with a voting card will sit in a designated area. Admission to the voting area will be limited to the individual in possession of the voting card and with a special sticker on their name badge identifying them as a voting delegate.
7. **Resolving Disputes.** In case of dispute, the credentials committee will determine the validity of signatures on petitioned resolutions and the right of a city official to vote at the General Assembly.





CITY: \_\_\_\_\_

## 2023 ANNUAL CONFERENCE VOTING DELEGATE/ALTERNATE FORM

**Please complete this form and return it to Cal Cities office by Monday, August 28, 2023. Forms not sent by this deadline may be submitted to the Voting Delegate Desk located in the Annual Conference Registration Area. Your city council may designate one voting delegate and up to two alternates.**

To vote at the General Assembly, voting delegates and alternates must be designated by your city council. Please attach the council resolution as proof of designation. As an alternative, the Mayor or City Clerk may sign this form, affirming that the designation reflects the action taken by the council.

**Please note:** Voting delegates and alternates will be seated in a separate area at the General Assembly. Admission to this designated area will be limited to individuals (voting delegates and alternates) who are identified with a special sticker on their conference badge. This sticker can be obtained only at the voting delegate desk.

### 1. VOTING DELEGATE

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Title: \_\_\_\_\_

### 2. VOTING DELEGATE - ALTERNATE

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Email: \_\_\_\_\_

### 3. VOTING DELEGATE - ALTERNATE

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Email: \_\_\_\_\_

### ATTACH COUNCIL RESOLUTION DESIGNATING VOTING DELEGATE AND ALTERNATES OR

**ATTEST: I affirm that the information provided reflects action by the city council to designate the voting delegate and alternate(s).**

Name: \_\_\_\_\_ Email: \_\_\_\_\_

Mayor or City Clerk: \_\_\_\_\_ Date: \_\_\_\_\_ Phone: \_\_\_\_\_  
(circle one) (signature)

**Please complete and email this form to [votingdelegates@calcities.org](mailto:votingdelegates@calcities.org) by Monday, August 28, 2023.**



## COUNCIL COMMUNICATION

**CC #: 2881**

**File #: 0900-04-02 & 0400-06-02**

**Title:** Pleasant Grove Boulevard Widening Project - Adoption of Subsequent Initial Study/Mitigated Negative Declaration, Adoption of the Mitigation Monitoring and Reporting Program, Project Approval, Approval of Plans and Specifications, and Authorization to Call for Bids

**Contact:** Jesse Khatkar 916-774-5434 jskhatkar@roseville.ca.us

**Meeting Date: 8/16/2023**

**Item #: 7.1.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council:

1. Adopt the attached resolution adopting the Subsequent Initial Study/Mitigated Negative Declaration (IS/MND) and the Mitigation Monitoring and Reporting Program (MMRP) for the Pleasant Grove Boulevard Widening Project; and
2. Approve the project as described therein; and
3. Approve the plans and specifications; and
4. Authorize staff to call for bids.

### BACKGROUND

Pleasant Grove Boulevard is a multi-lane arterial roadway providing a connection from West Roseville to Highway 65 and Rocklin. The number of lanes on the roadway vary from four to six lanes. This project will widen the segment between Foothills Boulevard and Woodcreek Oaks Boulevard from four to six lanes.

The need for the widening was originally identified in a 1988 traffic analysis that assessed the future impacts of the residential and commercial developments proposed within the Northwest Roseville Specific Plan area. City Council adopted the Northwest Roseville Specific Plan in 1989 memorializing the ultimate need for six travel lanes along Pleasant Grove Blvd from Woodcreek Oaks Boulevard to Foothills Boulevard. The analysis and ultimate number of lanes for the Roadway was reaffirmed by the adoption of the 2035 General Plan by City Council in August of 2020.

The widening will primarily occur to the interior roadway median, which is sized to accommodate the additional travel lane, while preserving existing exterior curb, gutter, and sidewalk improvements. When Pleasant Grove Boulevard was originally constructed, it was built with its curbs in their ultimate right of way location with extra wide medians to allow for widening of the roadway into the median when constructing the ultimate six lane configuration when development necessitated it. The project consists of the following components:

- Widening 1.45 miles of roadway from four to six travel lanes;
- Widening into the median, protecting a majority of the curb, gutter, sidewalk, and landscaping outside the travel way, and the median landscaping to the extent feasible;
- Traffic Signal Modifications at Woodcreek Oaks Boulevard, Country Club Rd, and Foothills Boulevard;
- Installation of various underground infrastructure to support the widening and the planned Misty Wood Aquifer Storage and Recovery Well Site (future Environmental Utilities Department project);
- Pavement Rehabilitation of the roadway segment.

The project design plans and specifications are completed and attached for review.

**Public Outreach:**

A range of public outreach occurred during the development of the project plans including a community open house on April 27, 2022 at the Martha Riley Library.

The Initial Study/Mitigated Negative Declaration (IS/MND) was available for a review and comment period from November 7, 2022 through December 9, 2022. The environmental document was advertised:

- Through a mailed letter to surrounding properties (300' min. radius from project);
- Via email newsletters;
- On the City's web site; and
- Via a legal notice published in the November 4, 2022 edition of the Roseville Press Tribune.

These notices advised of the IS/MND availability and public comment period. Hard copies of the environmental document were made available at the Permit Center front counter and electronic copies were available via the City's web site.

A total of four comment letters were received. Three from residents and one from the Central Valley Regional Water Quality Control Board. Each issue brought up in the letters are addressed in the Final Subsequent Initial Study attached to this Council Communication.

Public Works staff will be working closely with the City's Public Affairs and Communications team to keep the community informed of the project's progress and traffic impacts during the construction phase of the project. Staff will ensure residents and businesses are notified about the project benefits and construction impacts through a variety of methods that may include, but are not limited to: direct mail, signage, social media, web, and email notifications.

If all actions are approved by Council, staff expects to award the contract in late 2023 and begin construction in the spring of 2024.

## FISCAL IMPACT

The project is anticipated to cost approximately \$13.7M and be primarily funded by the Traffic Mitigation Fund (TMF). The cost to provide infrastructure to support the planned Misty Wood Aquifer Storage and Recovery Well Site (future Environmental Utilities Department project) will be funded with Water Construction funds and the cost to rehabilitate the roadway segment will be funded by the Highway User Tax Fund (HUT). Staff will return to Council with a budget adjustment to fund construction once the bids are received and actual construction totals are determined. No General Fund resources will be used to complete the project.

## ENVIRONMENTAL REVIEW

**Subsequent Initial Study/Mitigated Negative Declaration (IS/MND):** In accordance with CEQA (CEQA Guidelines § 15162), a Subsequent Initial Study was prepared for the proposed project, which was initially evaluated at a programmatic level in the City of Roseville 2035 General Plan Environmental Impact Report (EIR, certified August 5, 2020) (SCH# 2019080418). The Initial Study conclusion is that all potential impacts can be mitigated to a less-than-significant level. As such, a Mitigated Negative Declaration is proposed to satisfy CEQA requirements.

**Environmental Impact Summary:** Impacts are primarily short-term construction related. Potentially significant impacts were identified for the following environmental issue areas:

- Biological Resources
- Geology and Soils
- Tribal Cultural Resources

Mitigation is standard and includes the application of several construction best management practices as well as 4 recommended mitigation measures. The IS conclusion is that with implementation of all mitigation measures identified in the IS/MND, all potential impacts would be reduced to less than significant and an MND is proposed to satisfy CEQA requirements.

Consistent with CEQA Guidelines Section 15097, a Mitigation Monitoring and Reporting Plan (MMRP) has been prepared to assist with the tracking and implementation of required mitigation measures.

The Initial Study conclusion is that with implementation of all mitigation measures identified in the IS/MND and MMRP, all potential impacts would be reduced to less than significant and an MND is proposed to satisfy CEQA requirements. As such staff recommends adoption of the IS/MND and the MMRP to satisfy the project's CEQA requirements.

The project environmental document and mitigation monitoring & reporting plan are attached for review.

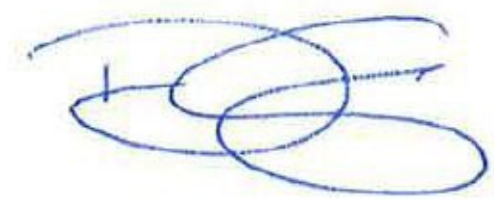
## CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth  
Goal E - Deliver exceptional city services

Respectfully Submitted,

Jesse Khatkar, Associate Engineer

Jason Shykowski, Public Works Director



---

Dominick Casey, City Manager

**ATTACHMENTS:**

**Description**

Resolution 23-345

Final Subsequent Initial Study and Mitigated Negative Declaration

Mitigation Monitoring and Reporting Plan

Project Plans

Project Manual

Project Location Map

RESOLUTION NO. 23-345

ADOPTING THE INITIAL STUDY/MITIGATED NEGATIVE DECLARATION  
AND THE MITIGATION MONITORING AND REPORTING PROGRAM  
FOR THE PLEASANT GROVE BOULEVARD WIDENING PROJECT

WHEREAS, Pleasant Grove Boulevard is a multi-lane arterial roadway providing a connection from West Roseville to Highway 65 and Rocklin; and

WHEREAS, City Council adopted the Northwest Roseville Specific Plan in 1989 memorializing the ultimate need for six travel lanes along Pleasant Grove Boulevard from Woodcreek Oaks Boulevard to Foothills Boulevard (the “Roadway”); and

WHEREAS, the analysis and ultimate number of lanes for the Roadway was reaffirmed by the adoption of the 2035 General Plan by City Council in August 2020; and

WHEREAS, in accordance with the California Environmental Quality Act (“CEQA”), an Initial Study/Mitigated Negative Declaration (“IS/MND”) was prepared for the proposed Pleasant Grove Widening Project (the “Project”); and

WHEREAS, the IS/MND was available for a review and comment period from November 7, 2022 through December 9, 2022; and

WHEREAS, consistent with CEQA Guidelines Section 15097, a Mitigation Monitoring and Reporting Plan (“MMRP”) has been prepared to assist with the tracking and implementation of required mitigation measures; and

WHEREAS, the Initial Study concludes that with implementation of all mitigation measures identified in the MMRP, all potential impacts would be reduced to less than significant and a Mitigated Negative Declaration is proposed to satisfy CEQA requirements; and

WHEREAS, staff recommends adoption of the IS/MND and the MMRP to satisfy the project’s CEQA requirements.

WHEREAS, the IS/MND and the MMRP for the Project have been reviewed by the City Council.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville that the Initial Study/Mitigated Negative Declaration for the Pleasant Grove Boulevard Widening Project is hereby adopted.

BE IT FURTHER RESOLVED that the Mitigation Monitoring and Reporting Plan for the Pleasant Grove Boulevard Widening Project is hereby adopted.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by the following vote on roll call:

AYES            COUNCILMEMBERS:

NOES           COUNCILMEMBERS:

ABSENT        COUNCILMEMBERS:

---

MAYOR

ATTEST:

---

City Clerk

**FINAL**

**Subsequent Initial Study and Mitigated Negative Declaration  
for the  
Pleasant Grove Boulevard Widening Project  
Roseville, California**

**SCH No. 2019080418**

**Prepared For**



**311 Vernon Street  
Roseville CA. 95678**

**Prepared by:**



**2525 Warren Drive  
Rocklin, CA 95677**

**January 2023**



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**FINAL**

**Subsequent Initial Study and Mitigated Negative Declaration**  
**for the**  
**Pleasant Grove Boulevard Widening Project**  
**Roseville, California**  
**SCH No. 2019080418**

**January 2023**

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**EXECUTIVE SUMMARY**  
**FINAL SUBSEQUENT INITIAL STUDY/MITIGATED NEGATIVE DECLARATION**  
**PLEASANT GROVE BOULEVARD WIDENING PROJECT**

**Project Title:** Pleasant Grove Boulevard Widening Project (Project)

**Lead Agency:** City of Roseville

**Project Proponent:** City of Roseville

**Project Location:** Pleasant Grove Boulevard from the existing six-lane section east of Foothills Boulevard westerly through Woodcreek Oaks Boulevard.

**Project Description:** The Project would widen Pleasant Grove Boulevard from four to six travel lanes, configured as three eastbound and three westbound lanes, from the existing six-lane section east of Foothills Boulevard westerly through Woodcreek Oaks Boulevard. The new travel lanes would be constructed within the existing center median. The Project includes conforming adjustments to intersections, turn lanes, and signal operations to optimize traffic flow within the Project limits.

For Project details, see Draft Subsequent Initial Study/Mitigated Negative Declaration (IS/MND) Chapter 2.0 Project Description (included as Appendix A to this Final Subsequent IS/MND).

**Finding:** Based on the information contained in the City of Roseville General Plan Update (GPU) Environmental Impact Report (EIR) and this Final Subsequent IS/MND, the City of Roseville finds the Project would result in no new significant impacts or substantially more severe impacts compared to those described in the GPU EIR because the Project would be implemented consistent with all applicable General Plan goals, policies and implementation measures and mitigation measures described in this Subsequent IS/MND.

This is to certify that the Final Subsequent IS/MND including comments and responses, the Mitigation Monitoring and Reporting Plan, and record of Project approval is available to the general public at: The City of Roseville, 311 Vernon Street, Roseville, California, 95678.

**Draft Subsequent IS/MND Public Review Period:** November 7, 2022 – December 9, 2022

***Mitigation Measures Incorporated into the Project to Avoid Significant Effects***

***Biological Resources***

**BIO-1: Construct the Project during the Nonbreeding Season or Conduct Pre-Construction Surveys for Nesting Migratory Birds and Raptors**

To the extent feasible, the City will remove trees and large shrubs during the nonbreeding season for migratory birds and raptors (generally between September 1 and February 28).

If construction activities (including vegetation removal) cannot be confined to the nonbreeding season, the City will retain a qualified wildlife biologist with knowledge of the

relevant species to conduct nesting surveys before the start of construction. The migratory bird and raptor nesting surveys will include a minimum of two separate surveys to look for active migratory bird and raptor nests. Surveys will include a search of all vegetation that provides suitable nesting habitat in the construction area. In addition, a 500-foot area in open space areas adjacent to the construction zone will be surveyed for raptors. For survey areas outside the project site, the biologist will walk areas where property access is authorized. For portions of the survey area without property access, the biologist will scan vegetation using binoculars from the project site or from the public road. One survey should be conducted no more than 14 days prior to construction and the second survey should be conducted within 48 hours of the start of construction or vegetation removal. If no active nests are detected during these surveys, no protective measures are required.

If an active nest is found in the survey area, a no-disturbance buffer will be established around the nest site to avoid disturbance or destruction of the nest until the end of the breeding season (August 31) or after a qualified wildlife biologist determines that the young have fledged and moved out of the nesting substrate (this date varies by species). The extent of these buffers will be determined by the biologist and will depend on the level of construction disturbance, line of sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers. Suitable buffer distances may vary between species but will be established a minimum of 50 feet from active construction for passerine species and up to 500 feet for non-listed raptor species. A minimum buffer of 1,000 feet will be established for an active Swainson's hawk nest. If site-specific conditions or the nature of the activity (e.g., steep topography, dense vegetation, or minimal construction activities) indicate that a smaller buffer could be used, the City will coordinate with CDFW to determine the appropriate buffer size.

**BIO-2: Conduct Preconstruction Surveys for Roosting Bats and Implement Protection Measures**

To obtain the highest likelihood of detection, the following preconstruction bat surveys will be conducted within and adjacent to the construction area for each construction season. If the surveys determine that bats are roosting in the construction area, the City will implement the protective measures described below.

**Conduct Preconstruction Tree Surveys**

Prior to tree removal or pruning, qualified biologists will examine trees to be removed or pruned for suitable bat roosting habitat. High-value habitat features (e.g., large tree cavities, basal hollows, loose or peeling bark, and larger snags,) will be identified, and the area around these features will be searched for bats and bat sign (e.g., guano, culled insect parts, and staining). All mature broadleaf trees should be considered potential habitat for solitary foliage-roosting bat species.

If bat sign is detected, biologists will conduct evening visual emergence survey of the source habitat feature, from a half hour before sunset to 1–2 hours after sunset for a minimum of 2

nights during the season that construction would be taking place. Night-vision goggles and/or full-spectrum acoustic detectors will be used during emergence surveys to assist in species identification. All emergence surveys will be conducted during favorable weather conditions (calm nights with temperatures conducive to bat activity and no precipitation predicted). Survey methodology may be supplemented as new research identifies advanced survey techniques and equipment that would aid in bat detections.

### **Identify Protective Measures for Bats Using Trees**

If it is determined that bats are using trees within or adjacent to the construction area as roost sites, the City (or its designated contractor) will coordinate with CDFW to identify protective measures to avoid and minimize impacts on roosting bats based on the type of roost and timing of activities. These measures could include the following measures.

- If feasible, tree removal and pruning of trees containing an active roost will be avoided between April 1 and September 15 (the maternity period) to avoid impacts on reproductively active females and dependent young.
- If a maternity roost is located, whether solitary or colonial, that roost will remain undisturbed until September 15 or until a qualified biologist has determined that the roost is no longer active.
- If avoidance of nonmaternity roost trees is not possible, tree removal or pruning will be monitored by a qualified biologist. Prior to removal or pruning, the tree will be gently shaken, and several minutes should pass before felling trees or pruning limbs to allow bats time to arouse and leave the tree. The tree then will be removed in pieces, rather than felling the entire tree. The biologists will search downed vegetation for dead and injured bats. The presence of dead or injured bats that are species of special concern will be reported to CDFW.

### **Conduct Preconstruction Surveys of Culverts**

Prior to any work to replace, extend, or remove culverts, a qualified biologist will inspect box and pipe culverts for the presence of roosting bats. The biologist will conduct a daytime inspection/survey of box culverts for bat sign or occupancy to determine whether the structure is being used as a roost. The biologist conducting daytime surveys will listen for audible bat calls and will use the naked eye, binoculars, telescoping inspection mirror, and a high-powered spotlight to inspect culverts, and mud nests if present, for bats.

Surfaces and the ground around the culvert will be surveyed for bat sign, such as guano, staining, and prey remains. Pipe culverts will be inspected from the exterior using the methods listed. If no suitable features are found, and no bats or bat sign are present, then a preconstruction survey within 24 hours prior to construction will be conducted. If suitable features are found, and bats or bat sign are present, additional surveys may be conducted to determine how the culvert is used by bats (i.e., whether it is used as a night roost, maternity roost, migration stopover, or for hibernation).



### **Implement Protective Measures for Bats Using Culverts**

To avoid disturbance, injury, or mortality of bats utilizing culverts for roosting, the City (or its contractor) will conduct all work on these structures during the day (to the extent possible and where appropriate). If this is not possible, portable lights will be used to illuminate the roosting areas prior to and after sunset to deter bats from roosting during nights when work will occur.

## ***Geology and Soils***

### **GEO-1: Conduct Paleontological Monitoring**

"Spot-check" monitoring by a qualified paleontologist shall be conducted where the depth of Project excavation exceeds 9 feet. This may occur during relocation of signal poles (up to 11 feet deep) and/or storm drain facilities (up to 9 feet deep). If Pleistocene alluvial deposits are visible at these depths, full-time monitoring shall be required for the remainder of excavations at these locations. If no Pleistocene alluvial deposits are visible at these depths, spot-checking may halt.

Should paleontological resources be found during excavation, the paleontologist shall have the authority to divert heavy machinery away from the find(s) until the scientific value of the fossil(s) can be assessed. If of scientific significance, all pertinent field data shall be collected, and the fossil(s) salvaged. The fossil(s) shall be transported to a laboratory facility for cleaning and preparation prior to being transported and deposited in an accredited repository, such as the UCMP Berkeley, where they can be curated and made available for scientific study.

## ***Tribal Cultural Resources***

### **TCR-1: Stop Work in the Event of Unanticipated Discovery of Potential Tribal Cultural Resources (TCRs)**

If any suspected TCRs are discovered during ground disturbing construction activities, all work shall cease within 100 feet of the find, or an agreed upon distance based on the project area and nature of the find. A Tribal Representative from a California Native American tribe that is traditionally and culturally affiliated with a geographic area shall be immediately notified and shall determine if the find is a TCR (PRC Section 21074). The Tribal Representative will make recommendations for further evaluation and treatment as necessary.

Preservation in place is the preferred alternative under CEQA and United Auburn Indian Community (UAIC) protocols, and every effort must be made to preserve the resources in place, including through project redesign. Culturally appropriate treatment may be, but is not limited to, processing materials for reburial, minimizing handling of cultural objects, leaving objects in place within the landscape, returning objects to a location within the project area where they will not be subject to future impacts. The Tribe does not consider

curation of TCRs to be appropriate or respectful and request that materials not be permanently curated, unless approved by the Tribe.

The contractor shall implement any measures deemed by the CEQA lead agency to be necessary and feasible to preserve in place, avoid, or minimize impacts to the resource, including, but not limited to, facilitating the appropriate tribal treatment of the find, as necessary. Treatment that preserves or restores the cultural character and integrity of a Tribal Cultural Resource may include Tribal Monitoring, culturally appropriate recovery of cultural objects, and reburial of cultural objects or cultural soil.

Work at the discovery location cannot resume until all necessary investigation and evaluation of the discovery under the requirements of the CEQA, including AB 52, has been satisfied.

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## **1.0 INTRODUCTION**

This document is the Final Subsequent Initial Study/Mitigated Negative Declaration (Final Subsequent IS/MND) and Mitigation Monitoring and Reporting Program (MMRP) for the Pleasant Grove Boulevard Widening Project. It has been prepared in accordance with the California Environmental Quality Act (CEQA) (Public Resource Code [PRC] Section 21000 et. seq.) and the State CEQA Guidelines (California Code of Regulations Section 15000 et seq.) as amended. This Final Subsequent IS/MND and Responses to Comments document supplements and updates the Draft Subsequent IS/MND (See Appendix A for the Draft Subsequent IS/MND).

The City of Roseville is the Lead Agency for the Proposed Project. On November 7, 2022, the Lead Agency distributed the Draft Subsequent IS/MND to public agencies and the general public for review and comment, as indicated in the Notice of Intent to Adopt a Mitigated Negative Declaration (See Appendix B for the Notice of Intent [NOI]). In accordance with the State CEQA Guidelines, a 32-day review period, which ended on December 9, 2022, was completed. During the public review period, one agency comment letter (from the Central Valley Regional Water Quality Control Board) and three comment emails from Roseville residents were received. These letters and related City responses are presented below in Section 3.0 Comments and Responses.

This Final Subsequent IS/MND and the Draft together constitute the Final CEQA document for the proposed Project. According to the State CEQA Guidelines “A lead agency is required to recirculate a negative declaration when the document must be substantially revised after public notice of its availability has been given pursuant to Section 15072 but prior to its adoption.”

According to Section 15073.5 of the *CEQA Statute Guidelines*, a substantial revision shall mean:

- “(1) A new, avoidable significant effect is identified and mitigation measures or project revisions must be added in order to reduce the effect to insignificance, or
- (2) The lead agency determines that the proposed mitigation measures or project revisions will not reduce potential effects to less than significance and new measures or revisions must be required.”

After completion of the public/agency comment period for the Draft Subsequent IS/MND, city staff identified minor editorial changes to mitigation measures BIO-1 and TCR-1 (see Final Subsequent IS/MND Chapter 4.0 for these revisions in redline/strikeout format). As shown in Chapter 4.0, these revisions include minor corrections and clarifications, do not change the substance of mitigation requirements, and do not meet the criteria for recirculation prior to Final Subsequent IS/MND adoption as outlined in Section 15073.5 of the State CEQA Guidelines. Therefore, recirculation is not required.

This Final Subsequent IS/MND and Responses to Comments document is organized as follows:

- Section 1.0 Introduction, provides a discussion of the purpose and structure of the document;
- Section 2.0 Project Overview, contains a summary of the Project Description;
- Section 3.0 presents written comments received on the Draft Subsequent IS/MND and responses;

- Section 4.0 presents revisions (errata pages) to the Draft Subsequent IS/MND in redline/~~strikeout~~ format.
- Section 5.0 includes the Project's Mitigation Monitoring and Reporting Program (MMRP), prepared pursuant to PRC Section 21081.6; and,
- Section 6.0 includes the Final Subsequent IS/MND Appendices, including the Draft Subsequent IS/MND (Appendix A) and NOI (Appendix B).

## **2.0 PROJECT OVERVIEW**

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### **2.1 Project Location**

As shown in Figure 2-1, the Project is located in the City of Roseville on Pleasant Grove Boulevard from the existing six-lane section east of Foothills Boulevard westerly through Woodcreek Oaks Boulevard.

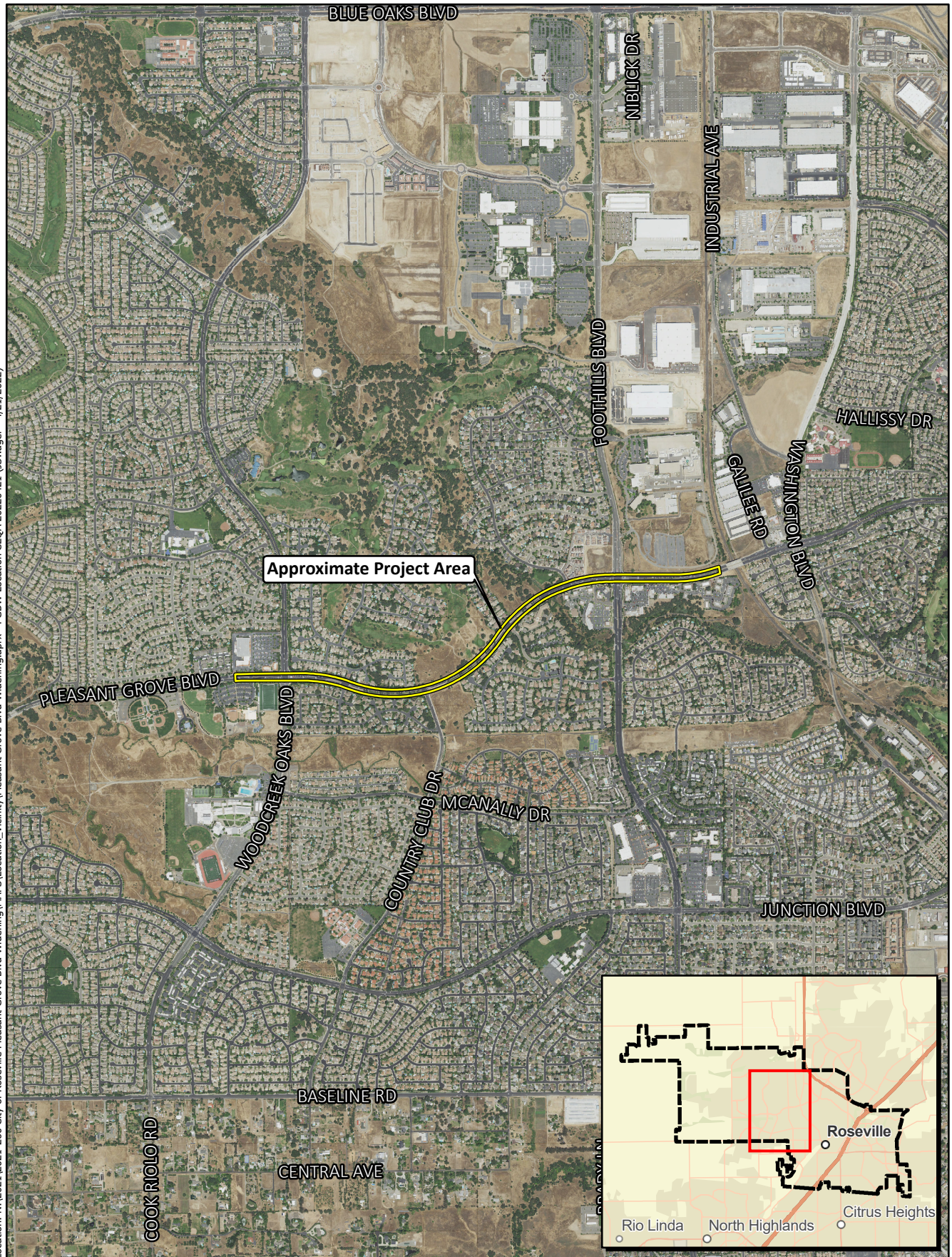
### **2.2 Project Description**

The Project includes widening Pleasant Grove Boulevard from four to six travel lanes, configured as three eastbound and three westbound lanes. As shown in Figures 2-2 and 2-3, road widening for the new travel lanes would occur primarily to the interior center median which was designed and sized to accommodate future widening. The Project includes conforming adjustments to intersections, turn lanes, and signal operations to optimize traffic flow within the Project limits.

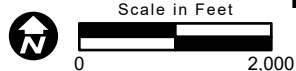
For additional Project details, see Draft Subsequent IS/MND Chapter 2.0 Project Description (Appendix A).



Location: N:\2021\2021-260 City of Roseville Pleasant Grove Blvd Widening\MAPS\Location\_Vicinity\Pleasant Grove Blvd Widening.aprx - PGBW Location CEQA 20220421 (JSwager - 4/21/2022)



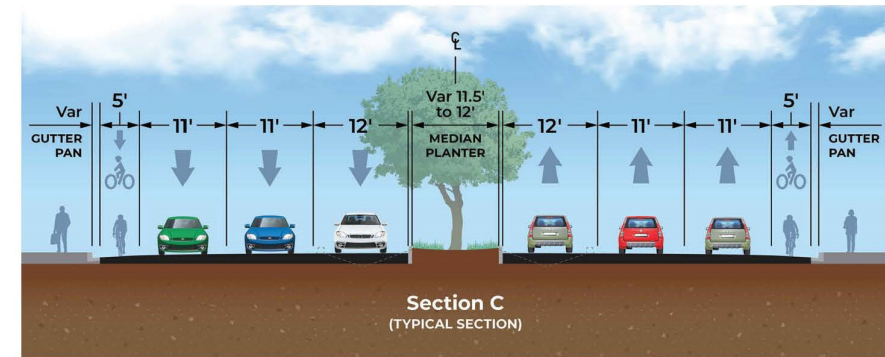
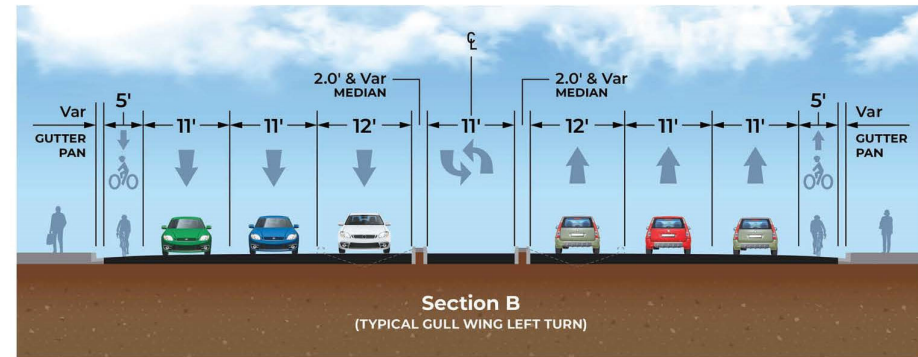
Map Date: 4/21/2022  
Sources: ESRI, USGS, Placer County



**Figure 2-1. Project Location and Vicinity**

2021-260 City of Roseville Pleasant Grove Widening





## PLEASANT GROVE BLVD WIDENING PROJECT

SHEET 1 OF 2





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## PLEASANT GROVE BLVD WIDENING PROJECT

SHEET 2 OF 2





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## **3.0 COMMENTS AND RESPONSES**

### **3.1 Introduction**

In conformance with Section 15088(a) of the State CEQA Guidelines, the City of Roseville has considered comments on environmental issues from reviewers of the Draft Subsequent IS/MND and has prepared written responses. This section contains copies of all written comments received during the public review period. Comments and responses to comments are not required to be included in an IS/MND but are included here for the public and decision makers for informational purposes.

This section contains the following:

- A list of public agencies, organizations and individuals who submitted written comment on the Draft Subsequent IS/MND during the public comment period; and
- Copies of all written comments received during the public comment period and related responses.

### **3.2 List of Commenters and Response to Comments**

Agencies, individuals, and organizations who commented on the Draft Subsequent IS/MND are listed in Table 3-1 below.

**Table 3-1. Written Comments Received on the Draft Subsequent IS/MND**

| <b>Letter Number</b> | <b>Sender</b>                                                 | <b>Date Received</b> |
|----------------------|---------------------------------------------------------------|----------------------|
| L1                   | Central Valley Regional Water Quality Control Board (CVRWQCB) | December 9, 2022     |
| L2                   | Linda Brown, Roseville Resident                               | November 17, 2022    |
| L3                   | Daniel Stender, Roseville Resident                            | November 18, 2022    |
| L4                   | Shawna K. Segan, Roseville Resident                           | December 8, 2022     |

Each comment letter or email is presented in the pages following and assigned a number (e.g., L1, L2, L3). Each comment within each letter or email is further assigned a code in the letter or email right margin for tracking individual responses to comments (e.g., L1.1, L1.2, L2.1, L2.2). The pages following present the comment letters received, followed by written responses to each individual comment.

**Letter 1. Central Valley Regional Water Quality Control Board – Peter Minkel, received October 17, 2022.**

**LETTER 1**



## Central Valley Regional Water Quality Control Board

9 December 2022

Terri Shirhall  
City of Roseville  
311 Vernon Street  
Roseville, CA 95678  
[shirhall@roseville.ca.us](mailto:shirhall@roseville.ca.us)

### **COMMENTS TO REQUEST FOR REVIEW FOR THE SUBSEQUENT INITIAL STUDY AND MITIGATED NEGATIVE DECLARATION, PLEASANT GROVE BOULEVARD WIDENING PROJECT, SCH#2019080418, PLACER COUNTY**

Pursuant to the State Clearinghouse's 7 November 2022 request, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) has reviewed the *Request for Review for the Subsequent Initial Study and Mitigated Negative Declaration* for the Pleasant Grove Boulevard Widening Project, located in Placer County.

**L1.1**

Our agency is delegated with the responsibility of protecting the quality of surface and groundwaters of the state; therefore our comments will address concerns surrounding those issues.

#### **I. Regulatory Setting**

##### **Basin Plan**

The Central Valley Water Board is required to formulate and adopt Basin Plans for all areas within the Central Valley region under Section 13240 of the Porter-Cologne Water Quality Control Act. Each Basin Plan must contain water quality objectives to ensure the reasonable protection of beneficial uses, as well as a program of implementation for achieving water quality objectives with the Basin Plans. Federal regulations require each state to adopt water quality standards to protect the public health or welfare, enhance the quality of water and serve the purposes of the Clean Water Act. In California, the beneficial uses, water quality objectives, and the Antidegradation Policy are the State's water quality standards. Water quality standards are also contained in the National Toxics Rule, 40 CFR Section 131.36, and the California Toxics Rule, 40 CFR Section 131.38.

**L1.2**

The Basin Plan is subject to modification as necessary, considering applicable laws, policies, technologies, water quality conditions and priorities. The original Basin Plans were adopted in 1975, and have been updated and revised periodically as required, using Basin Plan amendments. Once the Central Valley Water Board has adopted a Basin Plan amendment in noticed public hearings, it must be approved by the State Water Resources Control Board (State Water Board), Office of

MARK BRADFORD, CHAIR | PATRICK PULUPA, ESQ., EXECUTIVE OFFICER

11020 Sun Center Drive #200, Rancho Cordova, CA 95670 | [www.waterboards.ca.gov/centralvalley](http://www.waterboards.ca.gov/centralvalley)

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Administrative Law (OAL) and in some cases, the United States Environmental Protection Agency (USEPA). Basin Plan amendments only become effective after they have been approved by the OAL and in some cases, the USEPA. Every three (3) years, a review of the Basin Plan is completed that assesses the appropriateness of existing standards and evaluates and prioritizes Basin Planning issues. For more information on the *Water Quality Control Plan for the Sacramento and San Joaquin River Basins*, please visit our website:

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/](http://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/)

#### **Antidegradation Considerations**

All wastewater discharges must comply with the Antidegradation Policy (State Water Board Resolution 68-16) and the Antidegradation Implementation Policy contained in the Basin Plan. The Antidegradation Implementation Policy is available on page 74 at:

[https://www.waterboards.ca.gov/centralvalley/water\\_issues/basin\\_plans/sacsjr\\_2018\\_05.pdf](https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_2018_05.pdf)

In part it states:

*Any discharge of waste to high quality waters must apply best practicable treatment or control not only to prevent a condition of pollution or nuisance from occurring, but also to maintain the highest water quality possible consistent with the maximum benefit to the people of the State.*

*This information must be presented as an analysis of the impacts and potential impacts of the discharge on water quality, as measured by background concentrations and applicable water quality objectives.*

The antidegradation analysis is a mandatory element in the National Pollutant Discharge Elimination System and land discharge Waste Discharge Requirements (WDRs) permitting processes. The environmental review document should evaluate potential impacts to both surface and groundwater quality.

## **II. Permitting Requirements**

### **Construction Storm Water General Permit**

Dischargers whose project disturb one or more acres of soil or where projects disturb less than one acre but are part of a larger common plan of development that in total disturbs one or more acres, are required to obtain coverage under the General Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities (Construction General Permit), Construction General Permit Order No. 2009-0009-DWQ. Construction activity subject to this permit includes clearing, grading, grubbing, disturbances to the ground, such as stockpiling, or excavation, but does not include regular maintenance activities performed to restore the original line, grade, or capacity of the facility. The Construction General Permit requires the development and implementation of a Storm Water Pollution Prevention Plan (SWPPP). For more information on the Construction General Permit, visit the State Water Resources Control Board website at:

L1.2



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[http://www.waterboards.ca.gov/water\\_issues/programs/stormwater/constpermits.shtml](http://www.waterboards.ca.gov/water_issues/programs/stormwater/constpermits.shtml)

**Clean Water Act Section 404 Permit**

If the project will involve the discharge of dredged or fill material in navigable waters or wetlands, a permit pursuant to Section 404 of the Clean Water Act may be needed from the United States Army Corps of Engineers (USACE). If a Section 404 permit is required by the USACE, the Central Valley Water Board will review the permit application to ensure that discharge will not violate water quality standards. If the project requires surface water drainage realignment, the applicant is advised to contact the Department of Fish and Game for information on Streambed Alteration Permit requirements. If you have any questions regarding the Clean Water Act Section 404 permits, please contact the Regulatory Division of the Sacramento District of USACE at (916) 557-5250.

**Clean Water Act Section 401 Permit – Water Quality Certification**

If an USACE permit (e.g., Non-Reporting Nationwide Permit, Nationwide Permit, Letter of Permission, Individual Permit, Regional General Permit, Programmatic General Permit), or any other federal permit (e.g., Section 10 of the Rivers and Harbors Act or Section 9 from the United States Coast Guard), is required for this project due to the disturbance of waters of the United States (such as streams and wetlands), then a Water Quality Certification must be obtained from the Central Valley Water Board prior to initiation of project activities. There are no waivers for 401 Water Quality Certifications. For more information on the Water Quality Certification, visit the Central Valley Water Board website at:

[https://www.waterboards.ca.gov/centralvalley/water\\_issues/water\\_quality\\_certification/](https://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_certification/)

L1.2

**Waste Discharge Requirements – Discharges to Waters of the State**

If USACE determines that only non-jurisdictional waters of the State (i.e., “non-federal” waters of the State) are present in the proposed project area, the proposed project may require a Waste Discharge Requirement (WDR) permit to be issued by Central Valley Water Board. Under the California Porter-Cologne Water Quality Control Act, discharges to all waters of the State, including all wetlands and other waters of the State including, but not limited to, isolated wetlands, are subject to State regulation. For more information on the Waste Discharges to Surface Water NPDES Program and WDR processes, visit the Central Valley Water Board website at: [https://www.waterboards.ca.gov/centralvalley/water\\_issues/waste\\_to\\_surface\\_water/](https://www.waterboards.ca.gov/centralvalley/water_issues/waste_to_surface_water/)

Projects involving excavation or fill activities impacting less than 0.2 acre or 400 linear feet of non-jurisdictional waters of the state and projects involving dredging activities impacting less than 50 cubic yards of non-jurisdictional waters of the state may be eligible for coverage under the State Water Resources Control Board Water Quality Order No. 2004-0004-DWQ (General Order 2004-0004). For more information on the General Order 2004-0004, visit the State Water Resources Control Board website at:

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[https://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2004/wqo/wqo2004-0004.pdf](https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2004/wqo/wqo2004-0004.pdf)

#### **Dewatering Permit**

If the proposed project includes construction or groundwater dewatering to be discharged to land, the proponent may apply for coverage under State Water Board General Water Quality Order (Low Threat General Order) 2003-0003 or the Central Valley Water Board's Waiver of Report of Waste Discharge and Waste Discharge Requirements (Low Threat Waiver) R5-2018-0085. Small temporary construction dewatering projects are projects that discharge groundwater to land from excavation activities or dewatering of underground utility vaults. Dischargers seeking coverage under the General Order or Waiver must file a Notice of Intent with the Central Valley Water Board prior to beginning discharge.

For more information regarding the Low Threat General Order and the application process, visit the Central Valley Water Board website at:

[http://www.waterboards.ca.gov/board\\_decisions/adopted\\_orders/water\\_quality/2003/wqo/wqo2003-0003.pdf](http://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2003/wqo/wqo2003-0003.pdf)

For more information regarding the Low Threat Waiver and the application process, visit the Central Valley Water Board website at:

[https://www.waterboards.ca.gov/centralvalley/board\\_decisions/adopted\\_orders/waivers/r5-2018-0085.pdf](https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/waivers/r5-2018-0085.pdf)

L1.2

#### **Limited Threat General NPDES Permit**

If the proposed project includes construction dewatering and it is necessary to discharge the groundwater to waters of the United States, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. Dewatering discharges are typically considered a low or limited threat to water quality and may be covered under the General Order for *Limited Threat Discharges to Surface Water* (Limited Threat General Order). A complete Notice of Intent must be submitted to the Central Valley Water Board to obtain coverage under the Limited Threat General Order. For more information regarding the Limited Threat General Order and the application process, visit the Central Valley Water Board website at:

[https://www.waterboards.ca.gov/centralvalley/board\\_decisions/adopted\\_orders/general\\_orders/r5-2016-0076-01.pdf](https://www.waterboards.ca.gov/centralvalley/board_decisions/adopted_orders/general_orders/r5-2016-0076-01.pdf)

#### **NPDES Permit**

If the proposed project discharges waste that could affect the quality of surface waters of the State, other than into a community sewer system, the proposed project will require coverage under a National Pollutant Discharge Elimination System (NPDES) permit. A complete Report of Waste Discharge must be submitted with the Central Valley Water Board to obtain a NPDES Permit. For more information regarding the NPDES Permit and the application process, visit the Central Valley Water Board website at: <https://www.waterboards.ca.gov/centralvalley/help/permit/>



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If you have questions regarding these comments, please contact me at (916) 464-4684 or Peter.Minkel2@waterboards.ca.gov.

**L1.3**

*Peter Minkel*  
Peter Minkel  
Engineering Geologist

cc: State Clearinghouse unit, Governor's Office of Planning and Research,  
Sacramento

## **Letter 1 Responses to Comments**

### **Response to Comment L1.1**

This comment is an introductory paragraph indicating the CVRWQCB is delegated responsibility for protecting the quality of surface and groundwaters of the state and that their comments address concerns surrounding these issues. Comment L1.1 is provided for informational purposes and does not address the adequacy of the Draft Subsequent IS/MND. No further response is necessary.

### **Response to Comment L1.2**

This comment provides background information regarding applicable regulations and required permits. It does not address the adequacy of the Draft Subsequent IS/MND, thus the comment is noted and no further response is necessary.

### **Response to Comment L1.3**

This comment is a conclusion statement and does not address the adequacy of the Draft Subsequent IS/MND. The comment is noted for the record and no further response is necessary.

**LETTER 2**

---

**From:** linda brown <dblbrownie@hotmail.com>  
**Sent:** Thursday, November 17, 2022 1:58 PM  
**To:** City of Roseville Public Works <PublicWorks3@roseville.ca.us>  
**Subject:** Pleasant Grove Widening Project

**EXTERNAL:** This email originated from outside of the organization. Do not click on any links or open attachments unless you recognize the sender and know the content is safe.

To Whom It May Concern,

In regard to the Pleasant Grove Expansion, I have some concerns regarding this project. I live on Hemmingway Drive and have difficulty getting on to Pleasant Grove going to my left or my right. I feel that with the expansion it will be that much more difficult for any of us living on Hemmingway Drive to get out on the main street. I wonder if a traffic light could be installed there. The people driving on Pleasant Grove drive very fast and with the expansion would possibly encourage them to drive even faster. A traffic light would at least slow down the flow of traffic. There are many seniors living in this area, so I know I am not the only one with these concerns.

Thank you for your consideration.

Sincerely,

Linda Brown  
1295 Hemmingway Drive  
Roseville, CA 95747

Sent from Mail for Windows

**L2.1**

## **Letter 2 Responses to Comments**

### ***Response to Comment L2.1***

This comment expresses concern that road widening may increase vehicle speed making access to Pleasant Grove Boulevard from Hemmingway Drive more difficult post Project. The comment also notes that many seniors live in the area. To address these concerns, the comment suggests installing a traffic signal at the Hemmingway Drive/Pleasant Grove Boulevard Intersection to possibly slow down vehicle speed and improve side street access to the arterial roadway.

According to State CEQA Guidelines Section 15064.3(a), a project's effect on automobile delay (such as the delay experienced by Hemmingway Drive traffic entering Pleasant Grove Boulevard) shall not constitute a significant environmental impact under CEQA. Thus, any delay to accessing Pleasant Grove Boulevard from Hemmingway Drive is not, by definition, a transportation impact under CEQA that requires mitigation.

As discussed in Draft Subsequent IS/MND Section 4.17.2, checklist question a), the proposed project is consistent with all adopted City policies, standards, programs, and plans. All Project facilities would be constructed to applicable standards which were created to minimize the potential for transportation related conflicts. This includes the requirement to eliminate non-signalized left turns across three lanes of

traffic. Thus, the Draft Subsequent IS/MND concludes that the Project would not create or exacerbate disruptions to the performance or safety of the transportation system and related impacts were found to be less than significant.

Regarding the concern that Pleasant Grove Boulevard vehicle speed could make accessing Pleasant Grove Boulevard from Hemmingway Drive more difficult post project, upon project opening this is not expected to be the case because the addition of travel lanes would allow vehicles to spread out more creating larger "gaps" in traffic, improving the ability for side street vehicles to enter the roadway.

See also response to comment L4.2 regarding the suggestion to add a new signal at the Pleasant Grove Boulevard/Hemmingway Drive intersection.

### Letter 3. Email from Daniel Stender received November 18, 2022.

#### LETTER 3

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-----Original Message-----

From: thestenders313@gmail.com <thestenders313@gmail.com>

Sent: Friday, November 18, 2022 8:22 AM

To: Shirhall, Terri <tshirhall@roseville.ca.us>

Subject: Pleasant Grove Widening

EXTERNAL: This email originated from outside of the organization. Do not click on any links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

I am a resident of Kensington Greens and have looked through the documents that are available online for the widening project.

I could not find anywhere in the documents what type of material will be used for paving. My assumption is that it will be the same as what is currently used, but I'd like to confirm that. We previously lived in a house that backed up to Washington. When roller compacted concrete was used on Washington it greatly increased the noise and vibrations within our house. As such, I would like to confirm that it will not be used for this project.

Respectfully,  
Daniel Stender  
(916) 947-2975

L3.1

### Letter 3 Responses to Comments

#### *Response to Comment L3.1*

This comment requests confirmation regarding the type of paving material to be used and expresses concern regarding use of roller compacted concrete which the commenter suggests causes increases noise and vibration.

The Project does not propose the use of roller compacted concrete and will utilize hot mix asphalt for all road paving.

## Letter 4. Email from Shawna Sagan received December 8, 2022.

### LETTER 4

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**From:** shawna sagan <sksagan@yahoo.com>  
**Sent:** Thursday, December 8, 2022 1:50 PM  
**To:** Shirhall, Terri <tshirhall@roseville.ca.us>  
**Subject:** Pleasant Grove Blvd widening project

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- I know the plan is to make a forced right-hand turn off of Laporte. People will have to make a u-turn at Country Club and come back around. As of right now trying to get out of our development to even make a right turn is difficult with all the additional traffic now going on Pleasant Grove.

L4.1

The cars that are going by are always speeding. It is hard to maneuver over into the far lane to make a u-turn so quickly at Country Club.

Additionally, across the street is the TRUEWOOD assisted living facility. There are ambulances that are going to that facility often, wouldn't a stop light be better than having to go all the way down and make a u-turn? Wouldn't a stop light be helpful to slow down the speed of cars? Wouldn't a stop light be better for pedestrians to cross so they can walk safely with the bigger median area of grass next to the road?

L4.2

I frequently walk on the sidewalk on Pleasant Grove by the golf course. It is scary walking there with the cars going by so fast. Kids are going to school in the morning on bikes and scooters and it's a tight squeeze with the kids, people walking with dogs, etc. The other side of Pleasant Grove, if there was a stop light to go across the street, that side of the street has a wider, safer sidewalk with a grass area in between the sidewalk and the road. It's NOT right up against the road.

Is a SOUND WALL being requested on the sidewalk area where the golf course is? Right now it's a wrought iron fence. The noise that is coming into the neighborhood is very loud. I wish these concerns would be considered and taken into consideration for the safety of this area with kids and people walking and driving. I don't know what the estimated population was when the general plan was made, but I do believe the population has grown more than ever and safety and noise are things that should be taken into account for the neighborhood that is going through these changes that we have to live with every day.

L4.3

L4.4

- Thank you,
- Shawna K. Sagan

## **Letter 4 Responses to Comments**

### ***Response to Comment L4.1***

This comment expresses concern that even under existing conditions it is difficult to make a right turn onto Pleasant Grove Boulevard from Laporte Drive. Furthermore, due to “speeding” vehicles on Pleasant Grove Boulevard, it is difficult to maneuver over to the left lane for drivers that will travel west to Country Club Drive to make a U-turn. While these are not comments on the adequacy of the CEQA analysis, they do address design issues and related responses are provided below.

As discussed in response L2.1 above, with the addition of Pleasant Grove Boulevard travel lanes, upon Project opening vehicles would have the ability to spread out more along the roadway (because of increased capacity) creating larger “gaps” in traffic, improving the ability for side street vehicles to enter Pleasant Grove Boulevard. These “gaps” would also facilitate lane changes required by west bound vehicles making a U-turn at Country Club Drive. Depending on the time of day and related traffic congestion, should additional distance be required to make the necessary lane changes, vehicles could continue west to Woodcreek Oaks Boulevard to make the U-turn. Concerns regarding speeding are hereby forwarded to the Roseville Police Department for enforcement as resources allow.

### ***Response to Comment L4.2***

This comment notes the Truewood Assisted Living Facility is located across the street from the Pleasant Grove Boulevard/Laporte Drive intersection and that ambulances frequently respond to this facility. It also suggests the Pleasant Grove Boulevard south side sidewalk, due to its landscape setback and purported wider pedestrian facilities, is safer than the north side sidewalk where it occurs adjacent the golf course. Considering these circumstances, the commenter asks if a signal would be better served at this intersection to facilitate emergency access, slow traffic, and allow pedestrians heading west to safely cross to the south side of Pleasant Grove Boulevard to access a wider sidewalk and landscape buffer which may appeal more to pedestrians. While these comments do not address the adequacy of CEQA analysis, they do address Project design considerations and corresponding responses are provided below.

As discussed in the Draft Subsequent IS/MND Project Description, the Project does not include the installation of new traffic signals. Rather, the project implements improvements as originally set forth in the Northwest Roseville Specific Plan (adopted by City Council in 1989), as recently re-affirmed by the adoption of the 2035 General Plan, which also considered compliance with current City Standards and fee programs. Because the Pleasant Grove Boulevard/Laporte Drive/Hemmingway Drive intersection does not serve other public roadways and only serves private communities, per city policy the cost of related signal improvements would be the responsibility of the private development it serves. Thus, there is no approved fee program available to fund a new signal at this location as one was not established at the time of private development approval.

As required by City Standards, due to the additional travel lanes, Laporte Drive would be restricted to right and left-turns in and right-turns out only. Motorists entering Pleasant Grove Boulevard from Laporte Drive would be able to turn right and head west on Pleasant Grove Boulevard to make a U-turn at the

next signalized intersection or utilize an alternate neighborhood entrance/exit. As discussed above in response to comment L4.1, if drivers are unable to negotiate lane changes to the far left to make U-turns at Country Club Drive (located approximately 1,500 feet west), they can proceed to the next intersection at Woodcreek Oaks Boulevard to U-turn at that signalized intersection (located an additional approximately 2000 feet west of Country Club Drive). Thus, ample opportunity is available to make the required lane changes.

Regarding comments suggesting the Pleasant Grove Boulevard south sidewalk may be wider and therefore safer than the north sidewalk, these sidewalks are the same size (eight-feet wide). While pedestrians may find the south sidewalk to be more favorable due to enhanced landscape setback compared to the north, the eight-foot sidewalk is consistent with city standards for safety and the width typically allows pedestrians sufficient space to walk side by side and pass if they come upon additional pedestrians.

Regarding the comment that a new signal may facilitate emergency access to the Truewood Assisted Living Facility, as discussed in Draft Subsequent IS/MND Section 4.15.2.1, all Project improvements are designed to minimize the potential for conflicts or collisions and therefore the Project was found to not conflict with emergency vehicle accessibility and services.

Finally, it should be noted that while a new traffic signal at this location may address some of the commenter's concerns, traffic signal installation can have an adverse effect on safety and efficiency of vehicular, bicycle, and pedestrian traffic. They can also lead to excessive delay, excessive disobedience of the signal indications, and significant increase in the frequency of collisions (especially rear-end collisions).

### ***Response to Comment L4.3***

This comment requests clarification if the Project includes a sound wall to replace the existing wrought iron fence located adjacent to the golf course on the north side of Pleasant Grove Boulevard.

The Project's traffic noise impacts are evaluated in Draft Subsequent IS/MND Section 4.13 Noise. As discussed in this section, the future traffic noise level on Pleasant Grove Boulevard was modeled based on traffic volumes identified by Fehr & Peers (2022). Draft Subsequent IS/MND Table 4.13-4 (see Appendix A) shows the calculated Pleasant Grove Boulevard noise levels under existing traffic levels compared to future post project traffic levels. As shown, with Project implementation, future Pleasant Grove Boulevard traffic noise between Country Club Drive and Laporte Drive/Hemingway Drive (where the above-mentioned wrought iron fence is located) would increase from 68.4 dBA to 68.6 dBA at 75 feet from the roadway centerline (an increase of 0.2 dBA which is imperceivable to the human ear). Because the projected increase does not exceed the adopted significance threshold of 1.5 dBA, the noise impact was found to be less-than-significant, and no mitigation is required. As a result, replacement of the existing wrought iron fence is not required or proposed as part of the Project.

### ***Response to Comment L4.4***

This comment requests that the above traffic noise and safety concerns be taken into consideration, particularly given population growth and considering the neighborhood's location adjacent to the Project.

As discussed in Response L4.2 above, project improvements were originally set forth in the Northwest Roseville Specific Plan which was adopted by City Council in 1989. The Project was subsequently re-evaluated by the 2035 General Plan Update EIR in August 2020, and again in this Subsequent IS/MND. Thus, the project is based on current growth projections, City standards and fee programs.



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#### **4.0 REVISIONS TO THE DRAFT SUBSEQUENT INITIAL STUDY/MITIGATED NEGATIVE DECLARATION**

As noted in Section 3.0, no revisions to the Draft Subsequent IS/MND were required to address public comment. However, as a result of city staff review of the Draft Subsequent IS/MND, revisions were made to Mitigation Measures BIO-1 and TCR-1. These revisions include minor editorial changes and do not constitute substantial revisions that would require recirculation of the document. According to State CEQA Guidelines Section 15073.5, a substantial revision shall mean:

- (1) A new, avoidable significant effect is identified, and mitigation measures or project revisions must be added in order to reduce the effect to insignificance, or
- (2) The lead agency determines that the proposed mitigation measures or project revisions will not reduce potential effects to less than significance and new measures or revisions must be required."

The city-initiated revisions are provided on the following pages. Page numbers refer to the original Draft Subsequent IS/MND page numbering. Changes in text are identified by ~~strikeout~~ where text is removed and by underline where text is added. Revisions shown on the following pages have been incorporated in the Final Subsequent IS/MND Executive Summary Section and Section 5.0 Mitigation Monitoring and Reporting Program.

If construction activities (including vegetation removal) cannot be confined to the nonbreeding season, the City will retain a qualified wildlife biologist with knowledge of the relevant species to conduct nesting surveys before the start of construction. The migratory bird and raptor nesting surveys will include a minimum of two separate surveys to look for active migratory bird and raptor nests. Surveys will include a search of all vegetation that provides suitable nesting habitat in the construction area. In addition, a 500-foot area in open space ~~area~~ areas adjacent to the construction zone will be surveyed for raptors. For survey areas outside the project site, the biologist will walk areas where property access is authorized. For portions of the survey area without property access, the biologist will scan vegetation using binoculars from the project site or from the public road. One survey should be conducted no more than 14 days prior to construction and the second survey should be conducted within 48 hours of the start of construction or vegetation removal. If no active nests are detected during these surveys, no protective measures are required.

If an active nest is found in the survey area, a no-disturbance buffer will be established around the nest site to avoid disturbance or destruction of the nest until the end of the breeding season (August 31) or after a qualified wildlife biologist determines that the young have fledged and moved out of the nesting substrate (this date varies by species). The extent of these buffers will be determined by the biologist and will depend on the level of construction disturbance, line of sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers. Suitable buffer distances may vary between species but will be established a minimum of 50 feet from active construction for passerine species and up to 500 feet for non-listed raptor species. A minimum buffer of 1,000 feet will be established for an active Swainson's hawk nest. If site-specific conditions or the nature of the activity (e.g., steep topography, dense vegetation, or minimal construction activities) indicate that a smaller buffer could be used, the City will coordinate with CDFW to determine the appropriate buffer size.

**BIO-2: Conduct Preconstruction Surveys for Roosting Bats and Implement Protection Measures**

To obtain the highest likelihood of detection, the following preconstruction bat surveys will be conducted within and adjacent to the construction area for each construction season. If the surveys determine that bats are roosting in the construction area, the City will implement the protective measures described below.

**Conduct Preconstruction Tree Surveys**

Prior to tree removal or pruning, qualified biologists will examine trees to be removed or pruned for suitable bat roosting habitat. High-value habitat features (e.g., large tree cavities, basal hollows, loose or peeling bark, and larger snags,) will be identified, and the area around these features will be searched for bats and bat sign (e.g., guano, culled insect parts, and staining). All mature broadleaf trees should be considered potential habitat for solitary foliage-roosting bat species.

As discussed above, no tribal cultural resources were identified during AB52 Consultation. However, Project grading could result in the unanticipated disturbance to unknown tribal cultural resources, resulting in a potentially significant impact. Should this occur, as discussed in the GPU EIR, various General Plan policies and implementation measures addressing the unanticipated discovery would be implemented. As discussed above, during consultation the UAIC expressed a preference for a previously agreed to unanticipated discovery TCR mitigation measure, and the City found it to be equally as effective as applicable General Plan policy and related implementation measures. Thus, with implementation of Mitigation Measure TCR-1, the inadvertent discovery of tribal cultural resources would be a **less than significant impact with additional mitigation incorporated**.

### **Mitigation Measures**

The following mitigation measure shall be implemented to address the evaluation and treatment of inadvertent/unanticipated discoveries of potential TCRs during Project ground disturbing activities.

**TCR-1: Stop Work in the Event of Unanticipated Discovery of Potential Tribal Cultural Resources (TCRs)**

If any suspected TCRs are discovered during ground disturbing construction activities, all work shall cease within 100 feet of the find, or an agreed upon distance based on the project area and nature of the find. A Tribal Representative from a California Native American tribe that is traditionally and culturally affiliated with a geographic area shall be immediately notified and shall determine if the find is a TCR (PRC Section 21074). The Tribal Representative will make recommendations for further evaluation and treatment as necessary.

Preservation in place is the preferred alternative under CEQA and United Auburn Indian Community (UAIC) protocols, and every effort must be made to preserve the resources in place, including through project redesign. Culturally appropriate treatment may be, but is not limited to, processing materials for reburial, minimizing handling of cultural objects, leaving objects in place within the landscape, returning objects to a location within the project area where they will not be subject to future impacts. The Tribe does not consider curation of TCRs to be appropriate or respectful and request that materials not be permanently curated, unless approved by the Tribe.

The contractor shall implement any measures deemed by the CEQA lead agency to be necessary and feasible to preserve in place, avoid, or minimize impacts to the resource, including, but not limited to, facilitating the appropriate tribal treatment of the find, as necessary. Treatment that preserves or restores the cultural character and integrity of a Tribal Cultural Resource may include Tribal Monitoring, culturally appropriate recovery of cultural objects, and reburial of cultural objects or cultural soil.

Work at the discovery location cannot resume until all necessary investigation and evaluation of the discovery under the requirements of the CEQA, including AB 52, has been satisfied.

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## **5.0 MITIGATION MONITORING AND REPORTING PLAN**

### **5.1 Introduction**

In accordance with CEQA, a Subsequent IS/MND that tiers from the City of Roseville GPU EIR and identifies adverse impacts related to the construction and operation of the proposed Project was prepared. The IS/MND identifies mitigation measures that would reduce or eliminate impacts not otherwise addressed by the GPU EIR.

Section 21081.6 of the PRC and Sections 15091(d) and 15097 of the State CEQA Guidelines require public agencies to adopt a reporting and monitoring program for changes to the project which it has adopted or made a condition of project approval in order to mitigate or avoid significant effects on the environment. An MMRP is required for the Project because the Subsequent IS/MND identified potentially significant adverse impacts related to construction and operation of the Project, and mitigation measures have been identified to mitigate these impacts. Adoption of the MMRP will occur along with approval of the Project.

### **5.2 Purpose of the Mitigation Monitoring and Reporting Plan**

This MMRP has been prepared to ensure that all required mitigation measures are implemented and completed according to schedule and maintained in a satisfactory manner during the construction and operation of the Project, as required. The MMRP may be modified by the City during Project implementation, as necessary, in response to changing conditions or other Project refinements. Table 4-1 has been prepared to assist the responsible parties with implementing the MMRP. The table identifies the individual mitigation measures, implementation actions and timing, implementation responsibility, responsibility for oversight of Compliance/Verification (including a notation space to confirm implementation), agency coordination, and comments. The numbering of the mitigation measures follows the numbering sequence in the Draft Subsequent IS/MND.

### **5.3 Roles and Responsibilities**

The City of Roseville Public Works Department and the Project construction contractor are responsible for oversight of compliance of the mitigation measures in the MMRP.

### **5.4 Mitigation Monitoring and Reporting Plan**

The column categories identified in Table 4-1 are described below.

- **Mitigation Measure** – This column lists the mitigation measures by number.
- **Implementation Actions and Timing** - This column summarizes the mitigation activities and reports/deliverables that must be prepared to implement and comply with the required mitigation measure. These actions/reports are described in more detail in the mitigation measure text. This column also lists the timing of each activity, and the frequency/schedule of monitoring for each activity.

- **Implementation Responsibility**– This column provides the entities responsible for complying with the requirements of the mitigation measure, agencies responsible for oversight of the mitigation implementation, and any outside agencies that the City of Roseville may need to coordinate with to ensure proper mitigation measure implementation.
- **Responsibility for Oversight of Compliance/Verification.** This column provides the entities responsible for verifying implementation compliance.
- **Agency Coordination.** This column lists agency coordination that may be required to ensure a coordinating agency’s regulatory interests are satisfied during mitigation measure implementation.
- **Comments.** This column provides comments to facilitate MMRP implementation.

**Table 4-1. Pleasant Grove Boulevard Widening Project**

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Implementation Actions and Timing                                                                                                                                                                                           | Implementation Responsibility                                  | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
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| <b>Biological Resources</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                             |                                                                |                                                          |                     |          |
| <p><b>BIO-1: Construct the Project during the Nonbreeding Season or Conduct Pre-Construction Surveys for Nesting Migratory Birds and Raptors</b></p> <p>To the extent feasible, the City will remove trees and large shrubs during the nonbreeding season for migratory birds and raptors (generally between September 1 and February 28). If construction activities (including vegetation removal) cannot be confined to the nonbreeding season, the City will retain a qualified wildlife biologist with knowledge of the relevant species to conduct nesting surveys before the start of construction. The migratory bird and raptor nesting surveys will include a minimum of two separate surveys to look for active migratory bird and raptor nests. Surveys will include a search of all vegetation that provides suitable nesting habitat in the construction area. In addition, a 500-foot area in open space areas adjacent to the construction zone will be surveyed for raptors. For survey areas outside the project site, the biologist will walk areas where property access is authorized. For portions of the survey area</p> | <p><b>Action:</b></p> <p>Construct the Project during the Nonbreeding Season or Conduct Pre-Construction Surveys for Nesting Migratory Birds and Raptors</p> <p><b>Timing:</b></p> <p>Prior to and during construction.</p> | <p>City/Consultant</p> <hr/> <p>Initials</p> <hr/> <p>Date</p> | <p>City</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>      | CDFW                |          |



City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Implementation Actions and Timing | Implementation Responsibility | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
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| <p>without property access, the biologist will scan vegetation using binoculars from the project site or from the public road. One survey should be conducted no more than 14 days prior to construction and the second survey should be conducted within 48 hours of the start of construction or vegetation removal. If no active nests are detected during these surveys, no protective measures are required.</p> <p>If an active nest is found in the survey area, a no-disturbance buffer will be established around the nest site to avoid disturbance or destruction of the nest until the end of the breeding season (August 31) or after a qualified wildlife biologist determines that the young have fledged and moved out of the nesting substrate (this date varies by species). The extent of these buffers will be determined by the biologist and will depend on the level of construction disturbance, line of sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers. Suitable buffer distances may vary between species but will be established a minimum of 50 feet from active construction for passerine species and up to 500 feet for non-listed raptor species. A minimum buffer of 1,000 feet will be established for an active Swainson's hawk nest. If</p> |                                   |                               |                                                          |                     |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Implementation Actions and Timing                                                                                                                                       | Implementation Responsibility                                    | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
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| site-specific conditions or the nature of the activity (e.g., steep topography, dense vegetation, or minimal construction activities) indicate that a smaller buffer could be used, the City will coordinate with CDFW to determine the appropriate buffer size.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                         |                                                                  |                                                          |                     |          |
| <p><b>BIO-2: Conduct Preconstruction Surveys for Roosting Bats and Implement Protection Measures</b></p> <p>To obtain the highest likelihood of detection, the following preconstruction bat surveys will be conducted within and adjacent to the construction area for each construction season. If the surveys determine that bats are roosting in the construction area, the City will implement the protective measures described below.</p> <p><b>Conduct Preconstruction Tree Surveys</b></p> <p>Prior to tree removal or pruning, qualified biologists will examine trees to be removed or pruned for suitable bat roosting habitat. High-value habitat features (e.g., large tree cavities, basal hollows, loose or peeling bark, and larger snags,) will be identified, and the area around these features will be searched for bats and bat sign (e.g., guano, culled insect parts, and</p> | <p><b>Action:</b></p> <p>Preconstruction Surveys for Roosting Bats and Implement Protection Measures</p> <p><b>Timing:</b></p> <p>Prior to and during construction.</p> | <p>Project Biologist</p> <hr/> <p>Initials</p> <hr/> <p>Date</p> | <p>City</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>      | CDFW                |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Implementation Actions and Timing | Implementation Responsibility | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
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| <p>staining). All mature broadleaf trees should be considered potential habitat for solitary foliage-roosting bat species.</p> <p>If bat sign is detected, biologists will conduct evening visual emergence survey of the source habitat feature, from a half hour before sunset to 1–2 hours after sunset for a minimum of 2 nights during the season that construction would be taking place. Night-vision goggles and/or full-spectrum acoustic detectors will be used during emergence surveys to assist in species identification. All emergence surveys will be conducted during favorable weather conditions (calm nights with temperatures conducive to bat activity and no precipitation predicted). Survey methodology may be supplemented as new research identifies advanced survey techniques and equipment that would aid in bat detections.</p> <p><b>Identify Protective Measures for Bats Using Trees</b></p> <p>If it is determined that bats are using trees within or adjacent to the construction area as roost sites, the City (or its designated contractor) will coordinate with CDFW to identify protective measures to avoid and minimize impacts on roosting bats based on the type of roost and timing of activities. These measures could include the following measures.</p> |                                   |                               |                                                          |                     |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Implementation Actions and Timing | Implementation Responsibility | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
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| <ul style="list-style-type: none"> <li>• If feasible, tree removal and pruning of trees containing an active roost will be avoided between April 1 and September 15 (the maternity period) to avoid impacts on reproductively active females and dependent young.</li> <li>• If a maternity roost is located, whether solitary or colonial, that roost will remain undisturbed until September 15 or until a qualified biologist has determined that the roost is no longer active.</li> <li>• If avoidance of nonmaternity roost trees is not possible, tree removal or pruning will be monitored by a qualified biologist. Prior to removal or pruning, the tree will be gently shaken, and several minutes should pass before felling trees or pruning limbs to allow bats time to arouse and leave the tree. The tree then will be removed in pieces, rather than felling the entire tree. The biologists will search downed vegetation for dead and injured bats. The presence of dead or injured bats that are species of special concern will be reported to CDFW.</li> </ul> <p><b>Conduct Preconstruction Surveys of Culverts</b></p> <p>Prior to any work to replace, extend, or remove culverts, a qualified biologist will inspect box and pipe culverts for the presence of roosting bats.</p> |                                   |                               |                                                          |                     |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Implementation Actions and Timing | Implementation Responsibility | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
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| <p>The biologist will conduct a daytime inspection/survey of box culverts for bat sign or occupancy to determine whether the structure is being used as a roost. The biologist conducting daytime surveys will listen for audible bat calls and will use the naked eye, binoculars, telescoping inspection mirror, and a high-powered spotlight to inspect culverts, and mud nests if present, for bats.</p> <p>Surfaces and the ground around the culvert will be surveyed for bat sign, such as guano, staining, and prey remains. Pipe culverts will be inspected from the exterior using the methods listed. If no suitable features are found, and no bats or bat sign are present, then a preconstruction survey within 24 hours prior to construction will be conducted. If suitable features are found, and bats or bat sign are present, additional surveys may be conducted to determine how the culvert is used by bats (i.e., whether it is used as a night roost, maternity roost, migration stopover, or for hibernation).</p> <p><b>Implement Protective Measures for Bats Using Culverts</b></p> <p>To avoid disturbance, injury, or mortality of bats utilizing culverts for roosting, the City (or its contractor) will conduct all work on these structures during the day (to the extent possible</p> |                                   |                               |                                                          |                     |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Implementation Actions and Timing                                                                 | Implementation Responsibility                                                 | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
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| and where appropriate). If this is not possible, portable lights will be used to illuminate the roosting areas prior to and after sunset to deter bats from roosting during nights when work will occur.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   |                                                                               |                                                          |                     |          |
| <b>Geology and Soils</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   |                                                                               |                                                          |                     |          |
| <b>GEO-1: Conduct Paleontological Monitoring</b><br>"Spot-check" monitoring by a qualified paleontologist shall be conducted where the depth of Project excavation exceeds 9 feet. This may occur during relocation of signal poles (up to 11 feet deep) and/or storm drain facilities (up to 9 feet deep). If Pleistocene alluvial deposits are visible at these depths, full-time monitoring shall be required for the remainder of excavations at these locations. If no Pleistocene alluvial deposits are visible at these depths, spot-checking may halt.<br>Should paleontological resources be found during excavation, the paleontologist shall have the authority to divert heavy machinery away from the find(s) until the scientific value of the fossil(s) can be assessed. If of scientific significance, all pertinent field data shall be collected, and the fossil(s) salvaged. The fossil(s) shall be transported to a laboratory facility for | <b>Action:</b><br>Conduct Paleontological Monitoring<br><br><b>Timing:</b><br>During construction | Project Paleontologist/<br>Contractor<br><br><hr/> Initials<br><br><hr/> Date | City<br><br><hr/> Initials<br><br><hr/> Date             |                     |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Implementation Actions and Timing                                                                                                                                      | Implementation Responsibility                                                    | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------|---------------------|----------|
| cleaning and preparation prior to being transported and deposited in an accredited repository, such as the UCMP Berkeley, where they can be curated and made available for scientific study.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                  |                                                          |                     |          |
| <b>Tribal Cultural Resources</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                        |                                                                                  |                                                          |                     |          |
| <p><b>TCR-1: Stop Work in the Event of Unanticipated Discovery of Potential Tribal Cultural Resources (TCRs)</b></p> <p>If any suspected TCRs are discovered during ground disturbing construction activities, all work shall cease within 100 feet of the find, or an agreed upon distance based on the project area and nature of the find. A Tribal Representative from a California Native American tribe that is traditionally and culturally affiliated with a geographic area shall be immediately notified and shall determine if the find is a TCR (PRC Section 21074). The Tribal Representative will make recommendations for further evaluation and treatment as necessary. Preservation in place is the preferred alternative under CEQA and United Auburn Indian Community (UAIC) protocols, and every effort must be made to preserve the resources in place, including through project redesign. Culturally</p> | <p><b>Action:</b></p> <p>Stop Work in the Event of Unanticipated Discovery of Potential Tribal Cultural Resources</p> <p><b>Timing:</b></p> <p>During construction</p> | <p>Project Archaeologist/ Contractor</p> <hr/> <p>Initials</p> <hr/> <p>Date</p> | <p>City</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>      | UAIC                |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Implementation Actions and Timing | Implementation Responsibility | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------|----------------------------------------------------------|---------------------|----------|
| <p>appropriate treatment may be, but is not limited to, processing materials for reburial, minimizing handling of cultural objects, leaving objects in place within the landscape, returning objects to a location within the project area where they will not be subject to future impacts. The Tribe does not consider curation of TCRs to be appropriate or respectful and request that materials not be permanently curated, unless approved by the Tribe.</p> <p>The contractor shall implement any measures deemed by the CEQA lead agency to be necessary and feasible to preserve in place, avoid, or minimize impacts to the resource, including, but not limited to, facilitating the appropriate tribal treatment of the find, as necessary.</p> <p>Treatment that preserves or restores the cultural character and integrity of a Tribal Cultural Resource may include Tribal Monitoring, culturally appropriate recovery of cultural objects, and reburial of cultural objects or cultural soil.</p> <p>Work at the discovery location cannot resume until all necessary investigation and evaluation of the discovery under the requirements of the CEQA, including AB 52, has been satisfied.</p> |                                   |                               |                                                          |                     |          |



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## **6.0 LIST OF APPENDICES**

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## **APPENDIX A**

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Draft Subsequent Initial Study/Mitigated Negative Declaration for the Pleasant Grove Boulevard Widening Project, November 2022.

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**DRAFT**

**Subsequent Initial Study and Mitigated Negative Declaration  
for the  
Pleasant Grove Boulevard Widening Project  
Roseville, California  
SCH No. 2019080418**

**Prepared For**



311 Vernon Street  
Roseville CA. 95678

**Prepared By:**



**ECORP Consulting, Inc.**  
ENVIRONMENTAL CONSULTANTS

**2525 Warren Drive  
Rocklin, California 95677**

**November 2022**



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**LIST OF ACRONYMS AND ABBREVIATIONS**

| <b>Term</b>     | <b>Description</b>                                      |
|-----------------|---------------------------------------------------------|
| AB              | Assembly Bill                                           |
| ADA             | Americans with Disabilities Act                         |
| ADT             | Average Daily Traffic                                   |
| Amsl            | Above Mean Sea Level                                    |
| ANSI            | American National Standards Institute                   |
| BCC             | Birds of Conservation Concern                           |
| BERD            | Built Environment Resource Directory                    |
| BGS             | Below Ground Surface                                    |
| BLM             | Bureau of Land Management                               |
| BMP             | Best Management Practices                               |
| BP              | Before Present                                          |
| BRA             | Biological Resources Assessment                         |
| Caltrans        | California Department of Transportation                 |
| CARB            | California Air Resource Board                           |
| CCR             | California Code of Regulations                          |
| CDFW            | California Department of Fish and Wildlife              |
| CEC             | California Energy Commission                            |
| CEQA            | California Environmental Quality Act                    |
| CGS             | California Geological Survey                            |
| CH <sub>4</sub> | Methane                                                 |
| CHL             | California Historical Landmarks                         |
| CHP             | California Highway Patrol                               |
| CHRIS           | California Historic Resources Information System Center |
| CIP             | Capital Improvement Program                             |
| CNDDDB          | California Natural Diversity Database                   |
| CNEL            | community noise equivalent level                        |
| CNP             | Cumulative No Project                                   |
| CNPS            | California Native Plant Society                         |
| CO <sub>2</sub> | carbon dioxide                                          |
| CO              | carbon monoxide                                         |
| CPP             | Cumulative Plus Project                                 |
| CRPR            | California Rare Plant Ranks                             |
| CUPA            | Certified Unified Program Agency                        |
| dBA             | A-Weighted Decibel                                      |
| DBH             | Diameter Breast Height                                  |
| DHS             | Department of Health Services                           |
| DOF             | Department of Finance                                   |
| DPM             | Diesel Particulate Matter                               |
| DTSC            | Department of Toxic Substances Control                  |
| DWR             | Department of Water Resources                           |
| EIR)            | Environmental Impact Report                             |
| EMFAC           | EMission FAcT or model                                  |
| EPP             | Existing Plus Project                                   |
| ESA             | Endangered Species Act                                  |
| FHWA            | Federal Highway Administration                          |

| <b>Term</b>       | <b>Description</b>                                              |
|-------------------|-----------------------------------------------------------------|
| FTA               | Federal Transit Administration                                  |
| GHG               | Greenhouse Gas                                                  |
| GLO               | General Land Office                                             |
| GMP               | Groundwater Management Plan                                     |
| GPU               | General Plan Update                                             |
| HCP               | Habitat Conservation Plan                                       |
| I-                | Interstate                                                      |
| IS)               | Initial Study                                                   |
| kWh               | Kilowatt-Hours                                                  |
| Ldn               | average daily noise levels                                      |
| L <sub>eq</sub>   | equivalent noise level                                          |
| LID               | Low-Impact Development                                          |
| LOS               | Level of Service                                                |
| MND               | Mitigated Negative Declaration                                  |
| Mph               | Miles Per Hour                                                  |
| MRZ               | Mineral Resource Zone                                           |
| MS4               | Municipal Separate Storm Sewer System                           |
| MSL               | Mean Sea Level                                                  |
| N <sub>2</sub> O  | Nitrous Oxide                                                   |
| NAHC              | Native American Heritage Commission                             |
| NCIC              | North Central Information Center                                |
| NIOSH             | National Institute for Occupational Safety and Health           |
| NO <sub>x</sub>   | Nitrous Oxides                                                  |
| NPDES             | National Pollutant Discharge Elimination System                 |
| NPS               | National Park Service                                           |
| NRCS              | National Resources Conservation Service                         |
| O <sub>3</sub>    | Ozone                                                           |
| OHP               | Office of Historic Preservation                                 |
| PCAPCD            | Placer County Air Pollution Control District                    |
| PCCP              | Placer County Conservation Program                              |
| PG&E              | Pacific Gas & Electric Company                                  |
| PM <sub>2.5</sub> | Fine Particulate Matter (PM less than 2.5 microns in diameter)  |
| PM <sub>10</sub>  | Coarse Particulate Matter (PM less than 10 microns in diameter) |
| Ppm               | Parts Per Million                                               |
| PPV               | Peak Particle Velocity                                          |
| PRC               | Public Resources Code                                           |
| RCEM              | Roadway Construction Emissions Model                            |
| RMC               | Roseville Municipal Code                                        |
| ROG               | Reactive Organic Gas                                            |
| RPA               | Registered Professional Archaeologist                           |
| SACOG             | Sacramento Area Council of Governments                          |
| SB                | Senate Bill                                                     |
| SCAQMD            | South Coast Air Quality Management District                     |
| SIP               | State Implementation Plan                                       |
| SMARA             | Surface Mining and Reclamation Act                              |
| SPCCP             | Spill Prevention, Control, and Countermeasure Plan              |
| SO <sub>2</sub>   | Sulfur Dioxide                                                  |

| <b>Term</b> | <b>Description</b>                              |
|-------------|-------------------------------------------------|
| SR          | State Route                                     |
| SSC         | Species of Special Concern                      |
| SSSC        | Side Street Stop-Sign-Controlled Intersection   |
| SVAB        | Sacramento Valley Air Basin                     |
| SWPPP       | Storm Water Pollution Prevention Plan           |
| SWRCB       | State Water Resources Control Board             |
| TCR         | Tribal Cultural Resources                       |
| THRIS       | Tribal Historic Information System              |
| UAIC        | United Auburn Indian Community                  |
| UCMP        | University of California Museum of Paleontology |
| USEPA       | U.S. Environmental Protection Agency            |
| USFWS       | U.S. Fish and Wildlife Service                  |
| USGS        | U.S. Geological Survey                          |
| UWMP        | Urban Water Management Plan                     |
| VMT         | Vehicle Miles Travelled                         |



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## **1.0 INTRODUCTION**

### **1.1 Introduction**

This Subsequent Initial Study/Mitigated Negative Declaration (IS/MND) addresses the potential environmental impacts of the City of Roseville's proposed Pleasant Grove Boulevard Widening Project (Project) in accordance with the California Environmental Quality Act (CEQA). The City, as CEQA Lead Agency, proposes to widen an approximately 1.3-mile section of Pleasant Grove Boulevard to address existing and expected future traffic congestion and improve circulation consistent with the City's Transportation System Capital Improvement Program. The Project consists of widening Pleasant Grove Boulevard from two to three lanes in each direction beginning at approximately 1,500 feet east of Foothills Boulevard extending to approximately 700 feet west of Woodcreek Oaks Boulevard. Widening would primarily occur to the interior roadway median, which is sized to accommodate the additional travel lane, while preserving existing exterior curb, gutter, and sidewalk improvements.

### **1.2 Prior CEQA Documentation**

The Project is identified and analyzed in the City of Roseville 2035 General Plan Update (GPU) Final Environmental Impact Report (State Clearinghouse #2019080418) (City of Roseville, August 5, 2020). The GPU EIR identifies the addition of two travel lanes (one in each direction) to Pleasant Grove Boulevard generally between Foothills Boulevard and Woodcreek Oaks Boulevard (*Figure 1-1*). However, the GPU EIR did not identify or include analysis of Project related striping and turn lane modifications proposed west of Woodcreek Oaks and east of Foothill's Boulevard. This IS/MND is a Subsequent CEQA document based largely on information contained in the GPU EIR and evaluates the project in its entirety and not just the project modifications not previously included in the GPU EIR.

The City's evaluation of the potential effects of the project modifications follows the approach provided in Section 15162 of the CEQA Guidelines, and as interpreted and described by the California Supreme Court. CEQA Guidelines Section 15162 was validated by the California Supreme Court in *Friends of the College of San Mateo Gardens v. San Mateo County Community College District* (2016) 1 Cal.5th 937 as applying to MNDs. In that decision, the Court further held that "when there is a change in plans, circumstances, or available information after a project has received initial approval, the agency's environmental review obligations 'turn on the value of the new information to the still pending decision making process.' (Marsh v. Oregon Natural Resources Council (1989) 490 U.S. 360, 374 [104 L. Ed. 2d 377, 109 S. Ct. 1851] (Marsh).) If the original environmental document retains some informational value despite the proposed changes, then the agency proceeds to decide under CEQA's Subsequent review provisions whether project changes will require major revisions to the original environmental document because of the involvement of new, previously unconsidered significant environmental effects."

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Chapter 4, *Environmental Checklist*, describes the current environmental baseline conditions for the Project and analyzes the potential environmental impacts of the proposed Project modifications. The analysis first summarizes the GPU EIR impact findings applicable to the Project. This is followed by analysis of whether the project would result in a new significant impact, substantially more severe impact, a less-than-significant impact with additional mitigation, or no new impact compared to that disclosed in the GPU EIR. The Initial Study checklist in Chapter 4 has been modified to be consistent with these impact determinations. All pertinent mitigation measures identified in the GPU EIR will be applied to the subsequent Project. In addition, where new potential impacts or substantially greater impacts are identified, new mitigation measures are proposed to reduce potential impacts to a less-than-significant level. In addition, for the issues of biological resources, tribal cultural resources and paleontological resources, this Subsequent IS identifies new "Project Level" substitute mitigation measures that are found to be equally as effective at reducing potential impacts to a less-than-significant as those presented in the GPU EIR.

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## **2.0 PROJECT DESCRIPTION**

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### **2.1 Project Location and Background**

Pleasant Grove Boulevard is an existing four- and six-lane arterial road that runs east to west through the north central portion of the City of Roseville (*Figure 2-1*). It begins east of State Route (SR) 65 at the City's eastern boundary with the City of Rocklin and extends west approximately 6.3 miles to Westbrook Boulevard near the City's western boundary. Pleasant Grove Boulevard, which experiences heavy daily traffic congestion, serves as one of the main east-west travel corridors connecting residents traveling from the West Roseville area to popular shopping and dining destinations and Class A office buildings in the North Central Roseville Specific Plan area. Pleasant Grove Boulevard provides a vital economic link from residential areas to shopping and employment centers via its connections with other major arterial thoroughfares, including Roseville Parkway, Washington Boulevard, Foothills Boulevard, Woodcreek Oaks Boulevard, Sun City Boulevard, Fiddymont Road and Westbrook Boulevard, as well as to regional highways including SR-65 and Interstate (I-) 80.

### **2.2 City of Roseville Transportation System 2035 Capital Improvement Program**

The City's Transportation System 2035 Capital Improvement Program (CIP) identifies planned improvements to the city-wide road network to reduce congestion and enhance accessibility for motorists, pedestrians, and cyclists. Transportation system CIP improvements are funded by traffic impact fees assessed on new development. The proposed Project would implement certain planned CIP improvements within the Project Limits with funding provided by the CIP fee program. No federal funding would be used for the Project.

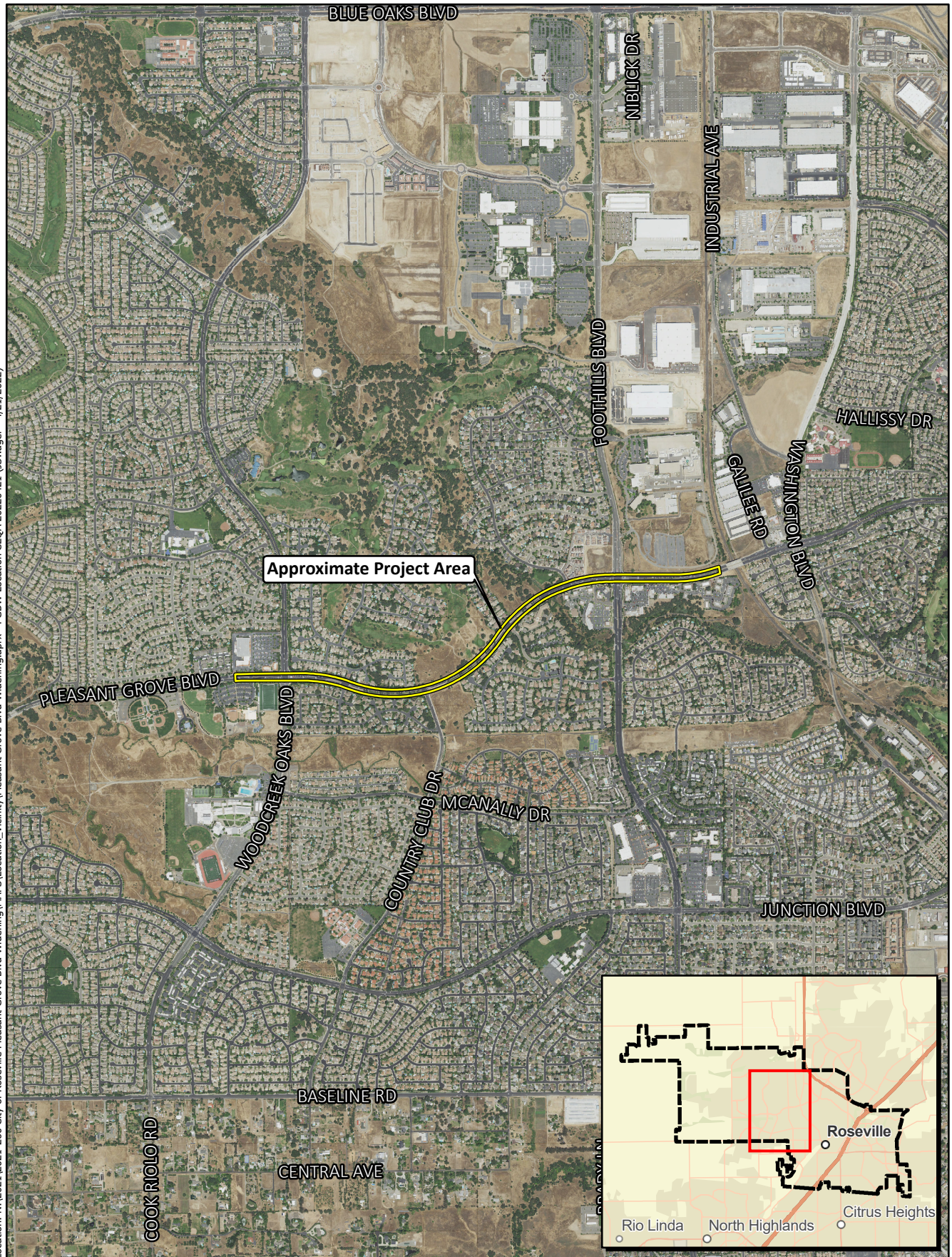
#### **2.2.1 Community Outreach**

On April 27, 2022, the City hosted an open house at the Martha Riley Library to allow community members the opportunity to learn about the Project, ask questions, and provide feedback on the proposed design and construction approach. The open house was attended by approximately 40 community members. Community input focused on the following:

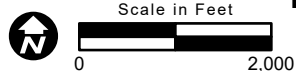
- Clarification on the limits of Project widening.
- Limitations and restrictions on turning movements at side street stop-sign-controlled intersections.
- Preservation of trees and vegetation in the median.
- Lane closures and duration during construction.
- Congestion at Foothills and Pleasant Grove Boulevard intersection.
- Status and design of bike lanes.
- Potential effects to existing exterior roadside landscaping.



Location: N:\2021\2021-260 City of Roseville Pleasant Grove Blvd Widening\MAPS\Location\_Vicinity\Pleasant Grove Blvd Widening.aprx - PGBW Location CEQA 20220421 (JSwager - 4/21/2022)



Map Date: 4/21/2022  
Sources: ESRI, USGS, Placer County



**Figure 2-1. Project Location and Vicinity**

2021-260 City of Roseville Pleasant Grove Widening



- Increased traffic noise.
- Potential for increased speeding due to road widening.

## **2.3 Existing Conditions**

Within the Project limits, Pleasant Grove Boulevard is primarily a four-lane roadway with Class II bike lanes, meandering sidewalks and associated landscaping, a variable width landscaped median, and a posted speed limit of 45 Miles Per Hour (mph). Immediately east of the Project limits, Pleasant Grove Boulevard widens to a six-lane roadway east of Foothills Boulevard and serves as a four-lane roadway west of the Project limits. No on-street parking exists within the Project limits.

The existing median within the Project limits was sized to accommodate the proposed widening to provide a third through-lane in each direction. Portions of the existing median accommodate landscaping consisting of shrubs, native oaks, and ornamental trees. Some native oaks (*Quercus* sp.) within the median and roadside landscape areas pre-date road construction and are of substantial size, creating a tree lined canopy in some locations.

All existing arterial road intersections within the Project limits are signal-controlled with pedestrian-activated crosswalks and include single, double, and triple left-turn lanes. Where needed, existing curbs within the Project Limits and that are the responsibility of the City that do not meet current Americans with Disabilities Act (ADA) standards would be upgraded as part of the Project. In addition, the following three side street stop-sign-controlled intersections exist within the Project Limits.

- Pleasant Grove Boulevard & Birkdale Drive/Retreat Way
- Pleasant Grove Boulevard & Laporte Drive/Hemingway Drive
- Pleasant Grove Boulevard & Misty Wood Drive

Full turning movements are currently allowed at the above intersections.

## **2.4 Project Purpose, Need and Objectives**

The Project purpose is to decrease existing and future traffic congestion as well as improve circulation consistent with the City's Transportation System CIP and applicable General Plan policy, while enhancing safety for motorists, pedestrians, and cyclists. The Project would increase Pleasant Grove Boulevard vehicle capacity consistent with the existing six-lane section located east of the Project limit to SR-65. The Project purpose also includes improving existing pedestrian curb ramps at crosswalk intersections within the Project limits consistent with current ADA requirements.

The Project has been anticipated since 1989 and is proposed now because of the degree to which AM and PM Peak Hour traffic demand is impacting Level of Service (LOS) within the Project limits, and because some existing pedestrian facilities don't meet current ADA standards. Combined, these needs create traffic operation deficiencies for motorists, pedestrians, and bicyclists, resulting in moderate delays and wasted fuel, which are expected to be exacerbated by anticipated increases in traffic from expected future population and employment growth.

Based on the above purpose and need, the Project objectives include implementing appropriate adopted CIP transportation system improvements within the Project limits to:

- Improve vehicular traffic flow and level of service.
- Improve vehicular, pedestrian and bicycle mobility consistent with current ADA requirements and City standards.
- Address anticipated utility requirements to minimize the future need for trenching/road cuts within newly paved areas.
- Retain median and roadside landscape trees and/or include replacement trees and landscape plantings consistent with City policy to the degree feasible.

## **2.5 Proposed Project**

The proposed Project includes widening of Pleasant Grove Boulevard from two to three lanes in each direction beginning 1,500 feet east of Foothills Boulevard to 700 feet west of Woodcreek Oaks Boulevard (Project Limits).

### **2.5.1 Project Components and Characteristics**

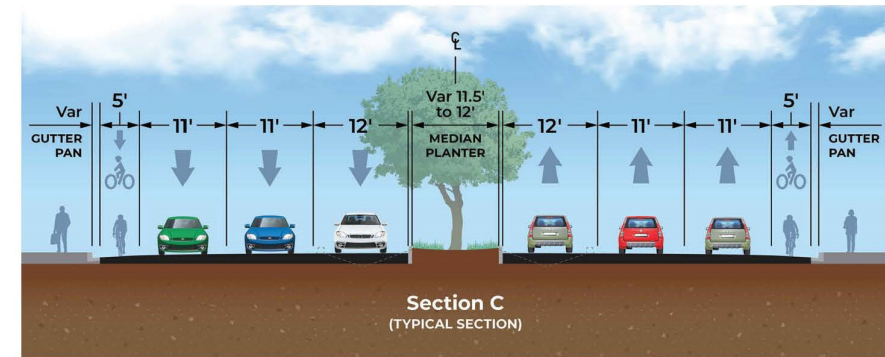
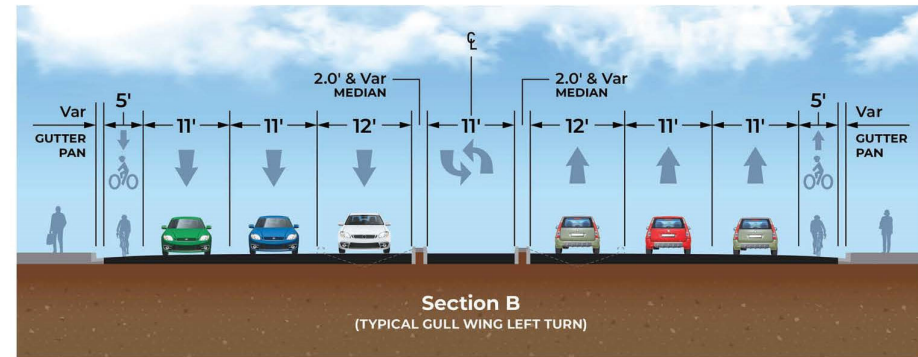
The overall road widening Project is shown on *Figures 2-2* and *2-3*. The primary project components are described below.

The location and limits of proposed road widening, lane striping and related Project improvements are shown on *Figures 2-2* and *2-3*. As shown, the Project would widen Pleasant Grove Boulevard from four to six travel lanes, configured as three eastbound and three westbound lanes, from the existing six-lane section east of Foothills Boulevard west through Woodcreek Oaks Boulevard. Road widening would primarily occur to the interior median, which is sized to accommodate the additional travel lanes while preserving the roadway's existing exterior curb, gutter, and sidewalk. With one small exception (see *Right-of-Way Acquisition*), all road widening will occur within the existing right-of-way.

Proposed widening between Misty Wood Drive and Woodcreek Oaks Boulevard would be accomplished by removing a portion of the existing median and adding a third lane in each direction of travel on the inside of the existing roadway.

At the Foothills Boulevard intersection, the free right-turn lane island at the northwest corner of the intersection would be removed and replaced with a dedicated right-turn lane from southbound Foothills Boulevard to westbound Pleasant Grove Boulevard. Widening east of Foothills Boulevard would be accommodated by relocating the west-to north-bound right-turn lane to the north, allowing area for an additional third westbound through lane to extend the south bound left-turn lane storage. Striping would be modified on Pleasant Grove Boulevard to provide an additional third through lane in each direction of travel at the Woodcreek Oaks Boulevard intersection. The proposed Project would join existing roadway improvements approximately 700 feet west of Woodcreek Oaks Boulevard.





## PLEASANT GROVE BLVD WIDENING PROJECT

SHEET 1 OF 2





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## PLEASANT GROVE BLVD WIDENING PROJECT

SHEET 2 OF 2





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### **2.5.1.1 Landscape Median Tree Removal**

Pleasant Grove Boulevard was originally designed and constructed to accommodate the planned future road widening to occur within the interior landscape median. The existing center median supports both planted ornamental landscape trees and native oaks. Some of the native oaks were existing and incorporated into the center median at the time of road construction. Given Pleasant Grove Boulevard was constructed over 25 years ago, some of the original native oaks preserved in the median, and some that were planted in the median, have grown to a size that now conflicts with planned road widening and require removal.

Native oak trees are protected in Roseville by the City's Tree Preservation Ordinance (Roseville Municipal Code Chapter 19.66 Tree Preservation). The City's Tree Ordinance regulates removal of native oaks and construction activities that occur within a native oak's protected zone (defined as the drip line + 1 foot). For a detailed discussion of ordinance requirements, refer to the *Biological Resources* section of this Initial Study.

Consistent with ordinance requirements, an Arborist Report has been prepared for the Project (Callander Associates Landscape Architecture, Inc. September 16, 2022.) (IS/MND Appendix A). The Arborist Report included a Level 2 – Basic Visual Assessment of all trees within the Project Limits in accordance with the International Society of Arboriculture's Best Management Practices (BMPs). This assessment level is limited to observation of conditions and defects readily visible from the ground.

During Arborist Report field work, specific data was gathered for each tree including the tree's species, Diameter Breast Height (DBH) and dripline radius. Utilizing this data, the tree's overall structural condition and vigor were separately assessed ranging from *excellent* to *poor* based upon the observed characteristics noted within the tree and the Arborist's best professional judgment. Notable characteristics were documented and recommendations on a tree-by-tree basis were recorded and are presented in the Arborist Report *Tree Inventory Spreadsheet* (see Appendix A). Recommendations are based on the understanding that trees would be introduced into a developed roadway environment and may require maintenance and/or may not be suitable for retention within the post-Project development setting.

A total of 64 trees were inventoried and evaluated for structural integrity, health or risk concerns, and their approximate location to proposed road improvements. As part of this effort, a total of 46 trees were found to be protected trees as defined by the City's Tree Preservation Ordinance. The City of Roseville defines a *Protected Tree* as any native oak tree equal to or greater than 6 inches diameter DBH, measured as a total of a single trunk or multiple trunks. The purpose of the field reconnaissance effort was to inventory, identify, and comment on the current structure and vigor of trees located within and/or overhanging the Project site. Based on the Arborist assessment, a total of 45 trees located within the existing center median are recommended for removal. Of these, 37 are *protected* native oak trees with a combined DBH of 446 inches. See Arborist Report Appendix A - Tree Disposition Map (contained herewith as Initial Study Appendix A) for the location of trees currently identified for removal.

Consistent with the City's Tree Preservation Ordinance (Roseville Municipal Code Ch. 19.66) and as further discussed in the biological resources section, a determination regarding removal of the balance of



protected trees would be made by the City Arborist (or designee) during construction after required critical roots are exposed for visual examination. At that time, the Project Arborist would determine if removal is warranted based on the extent of impact, health of the tree, and related safety and future maintenance considerations. Any tree removals identified during construction would be added to the Project's tree permit and mitigated consistent with City ordinance requirements. All recommended mitigation measures presented in this Initial Study for protected trees would be implemented by the City as part of the Project, conform to the City's Tree Preservation Ordinance, include special provisions for work within a tree's protected zone, and include a replacement ratio of 1 inch DBH of tree replaced for each one inch DBH of tree removed (1:1 ratio).

### **2.5.1.2 *Signal Modifications and Pedestrian Curb Ramp ADA Improvements***

Minor modifications to traffic signal pole placement would be implemented where necessary to accommodate proposed road widening, turn lane, and restriping improvements. Signal light timing would also be adjusted to optimize intersection LOS operations throughout the Project limits. In addition, any non-conforming City owned pedestrian crosswalk curb ramps would be reconstructed consistent with ADA requirements.

### **2.5.1.3 *Left Turn Lane Adjustments – Configuration and Storage Modifications***

The following adjustments to existing left-turn lane configuration and storage would be implemented to improve intersection operations:

#### **Pleasant Grove Boulevard/Woodcreek Oaks Boulevard Intersection.**

Storage capacity of the westbound left-turn lane would be maintained by shortening the eastbound left-turn pocket at Birkdale Drive. As the turn lanes are back-to-back, this would be an improved allocation of storage to better suit the demands for each movement.

#### **Pleasant Grove Boulevard/Country Club Drive Intersection**

The westbound left-turn pocket would be extended from 290 to 350 feet to better accommodate morning and afternoon peak traffic queues.

#### **Pleasant Grove Boulevard/Foothills Boulevard Intersection**

Additional westbound left-turn storage would be installed within the existing Pleasant Grove Boulevard median and by widening to the north, which also accommodates the additional third lane. As shown in *Figure 2-3*, the ultimate proposed improvements would provide left-turn storage of 450, 800, and 800 feet for left-turn lanes 1, 2, and 3, respectively.

#### **2.5.1.4 Side street Stop-Sign-Controlled intersections– Left Turn Movement Modifications**

The following three side street stop-sign-controlled intersections within the Project Limits would be modified to provide right-in, right-out, and left-in turn movements.

- Pleasant Grove Boulevard & Birkdale Drive/Retreat Way
- Pleasant Grove Boulevard & Laporte Drive/Hemingway Drive
- Pleasant Grove Boulevard & Misty Wood Drive

Under existing conditions, full turning movements are currently allowed at the above existing side street stop-sign-controlled intersections. However, as shown in *Figures 2-2 and 2-3*, existing left-turn and through movements at the above intersections would be restricted by a proposed center median. The center median is required to conform with City policy prohibiting left turns or through movements across an unsignalized 6-lane roadway. Thus, right turns out onto westbound Pleasant Grove Boulevard and left and right turns into these neighborhood side streets from Pleasant Grove Boulevard would be allowed for motorists exiting and entering these neighborhoods. Eastbound vehicles exiting these neighborhoods would turn right and head west to the first available signalized intersection to make a U-turn and then proceed east on Pleasant Grove Boulevard.

#### **2.5.1.5 Grading and Excavation**

Grading would be allowed only as necessary to construct the Project within designated work areas. Most grading/excavation would not exceed four to five feet Below Ground Surface (BGS). Exceptions include trenching and drilling for utility relocations/extensions and to reset traffic signal poles following road widening. Utility relocations are described below and would require trenching up to 9 feet BGS and signal poles would require drilling up to 16 feet BGS.

Construction of the Project would require the excavation of existing asphalt concrete, base material, concrete pavement, and miscellaneous concrete and in-situ soils. Excess material is anticipated and would become the property of the Contractor. Excavated material would be reused on the Project Site to the extent feasible, would be kept out of private property, and out of the City storm drain system and surface waters by implementing construction BMPs.

#### **2.5.1.6 Water Quality Treatment Basins**

To address post-construction stormwater treatment, the Project will include design elements that are consistent with and implement requirements of the West Placer Storm Water Quality Design Manual (City of Roseville April 2016) adopted by the City on May 5, 2016, or the most current version.

### **2.5.1.7 Utility Relocations, Extensions, and Adjustments**

The Project includes relocation of existing utilities that conflict with proposed road widening. This includes adjusting lids to grade throughout the Project as necessary to conform with grading and newly paved areas, and the following:

- Relocation of an existing Roseville Electric utility box currently located on the north side of Pleasant Grove Boulevard approximately 870 feet east of Foothills Boulevard to the north of planned road widening.
- Utility extensions (i.e., water, storm drain, electric and fiber) shown on *Figure 2-3* (Planned Utility Crossing) necessary to serve a planned City groundwater well located on the north side of Pleasant Grove Boulevard west of Misty Wood Park, and
- Adjustments to existing storm drain facilities located within landscape medians to conform to the widened road.
- Relocation of the recycled water line along the north side of Pleasant Grove Boulevard just east of Foothills Blvd.

### **2.5.1.8 Right-of-Way Acquisition**

With one exception, all proposed improvements are within the City-owned right-of-way. The sole exception is at the northeast corner of the Foothills Boulevard intersection, where private property acquisition is required to accommodate approximately 950-linear feet of widening of the existing right-of-way by approximately 13.7 feet (or 13,000 square feet).

## **2.6 Construction Schedule and Approach**

Project construction is scheduled for spring 2023 and is expected to take 10 months to complete. Construction activities would take place mostly between 7:00 a.m. and 7:00 p.m. Monday through Friday and between 8:00 a.m. and 8:00 p.m. Saturday and Sunday, in compliance with the City noise ordinance (RMC Ch. 9.24). In order to minimize the disruption to the morning and afternoon peak hours, limited nighttime work will be allowed where it results in reduced construction traffic congestion (for example, at the intersection of Foothills and Pleasant Grove boulevards). The general construction phases, duration, and associated activities are identified in *Table 2-1*. It is anticipated that portions of Phases 2 and 3 would overlap and include concurrent construction activity. Prior to construction, mobilization of equipment and supplies, as discussed below under Construction BMPs, the first order of work would include establishment of construction limits and installation of protections (i.e., temporary construction fencing) for any identified onsite Environmentally Sensitive Areas.

| <b>Table 2-1. Construction Phasing</b>                              |                          |                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Phase</b>                                                        | <b>Duration (Months)</b> | <b>Activity</b>                                                                                                                                                                                                                                                                                                   |
| Phase 1 – Pre-construction activities, mobilization and site layout | 2                        | Establish control points, survey, and field stake construction limits. Install environmental sensitive fencing and employ pre-construction BMPs. Clear and establish staging areas and temporary construction access roads. Mobilize heavy equipment, receive, and stockpile construction equipment and supplies. |
| Phase 2 – Grading, Underground Construction, and Tree Removal       | 2                        | Clear, grub, and remove vegetation and trees pre-approved for removal from work area. Conduct initial road grading activities, construct below-ground utility extensions and drainage facilities. Establish final road grades and fill slope limits.                                                              |
| Phase 3 – Construct road and landscape improvements                 | 4                        | Reconstruct median curb to conform with road widening, install erosion control drainage facilities; lay aggregate base and pavement. Construct traffic signal modifications, pavement delineation and signage. Reconstruct irrigation to conform to new center median, plant trees and install landscaping.       |
| Phase 4 – Construction closure activities                           | 2                        | Clean up, restore temporarily disturbed areas, demobilize, open roadway.                                                                                                                                                                                                                                          |

### 2.6.1 Equipment and Materials Staging Area

Following establishment of environmental site controls, construction equipment and supplies would mobilize to the site. The contractor may also establish a temporary construction trailer for onsite contractor administrative functions. During construction, any contractor trailer and all equipment and materials would be stored within the designated Construction Staging Area shown on *Figure 2-4* or at an alternative location to be established and environmentally cleared by the Contractor and approved by the City.

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**PSOMAS**

1075 Creekside Ridge Way, Suite 200 Roseville, CA 95678 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 02/2022

CHECKED BY: \_\_\_\_\_ DATE \_\_\_\_\_

DRAWN BY: CHRIS BRAZIL DATE 02/2022

PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
STAGING AREA

SHEET

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The Contractor would be responsible for obtaining all permits and rights for any staging area established as part of the Project. Depending on the construction phase, expected onsite equipment could include but is not limited to some combination of equipment listed in *Table 2-2* plus hand operated equipment.

| <b>Table 2-2. Construction Equipment List</b> |                                                                                         |
|-----------------------------------------------|-----------------------------------------------------------------------------------------|
| <b>Equipment</b>                              | <b>Potential Uses</b>                                                                   |
| Excavator                                     | General earthwork, roadway excavation and drainage                                      |
| Grader                                        | General earthwork and roadway sub-grade preparation and structural section construction |
| Water trucks                                  | Dust control and moisture conditioning of subgrade and base                             |
| Roller/compactor                              | General earthwork, backfill and structural section construction                         |
| Backhoe/trenching machine                     | Excavations                                                                             |
| Concrete trucks/concrete pumps                | Concrete flatwork, drainage elements, foundations, and piles                            |
| Dump trucks                                   | Hauling materials on and off site                                                       |
| Flatbed trucks                                | Delivering construction materials and equipment                                         |
| Pickup trucks                                 | Personnel access                                                                        |
| Cranes/forklifts                              | Moving construction equipment and materials                                             |
| Paving Machine                                | Paving                                                                                  |

### 2.6.2 Construction Best Management Practices

The City and its contractor would implement construction BMPs to avoid and minimize impacts on sensitive biological, cultural, and water resources, including adjacent vernal pool preserve areas. As discussed below, construction BMPs would include implementation of a Storm Water Pollution Prevention Plan (SWPPP) consistent with National Pollutant Discharge Elimination System (NPDES) permit requirements. SWPPP measures would minimize the potential for construction-related surface water pollution and ensure water quality is not compromised by erosion and/or sedimentation during construction. While Project construction is not expected to require surface water diversion, should conditions require, any water diversion would be installed in accordance with the provisions outlined in California Department of Transportation's (Caltrans) *Construction Site Best Management Practices for Clear Water Diversion* (Fact Sheet NS-5).

The following BMPs would be included in the Project specifications and implemented by the contractor as part of the Project.

**BMP 1: Temporary Fencing.** The City's contractor shall install construction barrier fencing (including sediment fencing and straw wattles) to prevent contaminants and debris from entering waterways, or adjacent vernal pool preserve areas. Before construction begins, the City or its contractor shall identify the locations for the barrier fencing and mark those locations with stakes or flagging.



- BMP 2: SWPPP.** A SWPPP shall be implemented as part of the NPDES Permit and a General Construction Activity Storm Water Permit to minimize the potential for sediments or contaminants to enter waterways.
- BMP 3: Equipment Contaminants.** The City shall comply with applicable stormwater ordinances, stormwater management plans, and BMPs to prevent or minimize the potential release of equipment-related petroleum contaminants into surface waters and groundwater. Implementation of standard construction procedures and precautions for working with petroleum and construction chemicals would further ensure that the impacts related to chemical handling during project construction would be minor.
- BMP 4: Debris/Demolition.** Construction of the proposed project would require the demolition and excavation of existing asphalt concrete, base material, concrete pavement, and miscellaneous concrete and in-situ soils. Excess material is anticipated and would become the property of the Contractor. To the extent feasible, excavated material would be re-used on the Project site, subject to approval by project inspectors.
- BMP 5: Erosion Control.** The project design shall incorporate permanent erosion control elements to ensure that stormwater runoff does not cause soil erosion. Erosion and sediment control plans would be prepared consistent with the City's Grading Ordinance, which requires reducing erosion and retaining sediment onsite.
- BMP 6: Toxic Materials Control and Spill Response Plan.** The following measures shall be incorporated into Project construction documents and implemented by the contractor to avoid or minimize the risk of spills or discharges of toxic materials into waterways.
- Prepare a hazardous material Spill Prevention, Control, and Countermeasure Plan (SPCCP) before construction that shall be implemented during construction.
  - Prevent raw cement, concrete or concrete washings, asphalt, paint or other coating material, oil or other petroleum products, or any other substances that could be hazardous to aquatic life from contaminating the soil or entering waterways.
  - Prevent discharge of drilling mud and/or fluids into the waterways by using appropriate containment, disposal, and storage methods.
  - Prevent discharge of turbid water or sediment-laden runoff to the waterways by using sediment filters, diverting the water to a settling tank, and/or implementing other erosion and water quality control BMPs to ensure compliance with water quality requirements prior to discharging water back to the waterways.
  - Clean up all spills immediately according to the SPCCP.
  - Provide areas located outside the ordinary high water mark for staging and storing equipment, materials, fuels, lubricants, solvents, and other possible contaminants.
  - Remove vehicles from the normal high-water area before any refueling and lubricating to prevent contaminants from being discharged to the waterways during

storm runoff. Contaminated water would be pumped to a holding tank for proper disposal.

- The construction contractor shall notify the City of Roseville Fire Department if evidence of soil or groundwater contamination is encountered during construction activities. Construction in that area shall be halted until the Fire Department has evaluated the find and remediation is completed, if necessary.
- The construction contractor shall comply with the California Occupational Safety and Health Administration standards for the storage and handling of fuels, flammable materials, and common construction-related hazardous materials and for fire prevention (California Labor Code, Division 5, Chapter 2.5).

**BMP 7: Traffic Management Plan.** The City shall require the construction contractor to implement a Traffic Management Plan, including a construction schedule and plan to meet the City's notice procedures before construction activities are initiated. This plan will identify general methods by which construction activities will be managed to minimize substantial delays to traffic. The traffic management plan shall include the following elements:

**Communication:** Develop and implement a public information campaign that describes the duration of the lane closures and recommends alternative routes. Particular attention shall be placed on special events (e.g., school graduations or Placer County Fairgrounds) that may attract unfamiliar users to the City's roadway system. The City Public Information Office shall also continue a public outreach program using various media sources throughout construction.

**Wayfinding:** Position and operate changeable message sign trailers and locate pedestrian signage at strategic locations to advise the traveling public of construction activities and temporary lane reductions and suggest alternate routes.

**Emergency Vehicle Response:** The City Public Works Department shall coordinate with the City Police and Fire Departments to ensure potential effects of temporary lane closures on emergency response have been addressed, including emergency vehicle routing, temporary changes in fire station servicing areas, and emergency vehicle pre-emption at signalized intersections.

**BMP 8: Noise Control Measures.** The following measures shall be incorporated into the Project construction specifications to reduce and control noise generated by construction-related activities:

- All construction equipment shall have sound-control devices no less effective than those provided on the original equipment.
- No equipment shall have an unmuffled exhaust.
- Stationary construction equipment shall be located as far as possible from sensitive uses; sensitive uses shall be identified on construction drawings; and excessive

equipment idling (greater than five minutes) shall be prohibited when the equipment is not in use.

### **2.6.2.1 City of Roseville Mitigating Ordinances, Guidelines, and Standards**

As identified in the General Plan, the following ordinances, guidelines, and standards would be applied to the Project as applicable to reduce environmental impacts.

- Noise Regulation (Roseville Municipal Code [RMC] Ch.9.24)
- Urban Stormwater Quality Management and Discharge Control Ordinance (RMC Ch.14.20)
- Stormwater Quality Design Manual (Resolution 07-432)
- City of Roseville Design and Construction Standards (Resolution 07-137)
- Community Design Guidelines (Resolution 95-347)
- Tree Ordinance (RMC Ch. 19.66)

## **2.7 Regulatory Requirements, Permits, and Approvals**

The City of Roseville is the CEQA Lead Agency for the proposed Project. To approve Project construction, the City Council must first comply with CEQA by adopting the IS/MND. The City Council could then consider the information contained in the IS/MND in making its decision to approve or deny the Project, approve the construction plans, and file a Notice of Determination with the State Clearinghouse.

The Project does not include federal funding, is not subject to the National Environmental Policy Act, and would not impact waters of the U.S. or State or any threatened or endangered plant or wildlife species. Thus, the Project is not expected to require permitting by any State or Federal resource agency acting in the capacity of a Responsible Agency under CEQA.

## **2.8 Consultation with California Native American Tribe(s)**

Assembly Bill (AB) 52 requires that prior to the release of a CEQA document for a project, an agency begin consultation with a California Native American tribe that is traditionally and culturally affiliated with the geographic area of the project if:

1. the California Native American tribe requested to the lead agency, in writing, to be informed by the Lead Agency through formal notification of proposed projects in the geographic area that is traditionally and culturally affiliated with the tribe; and,
2. the California Native American tribe responds in writing, within 30 days of receipt of the formal notification, and requests the consultation. The City of Roseville notified United Auburn Indian Community (UAIC), Tsi Akim Maidu, Lone Band of Miwok Indians, and the Shingle Springs Band of Miwok Indians of the proposed Project on July 13, 2021.

A single response dated August 4, 2021 was received from the UAIC. In their response, UAIC declined formal AB52 tribal consultation but did request certain mitigation measures previously agreed to with the City that address unanticipated discovery of potential tribal cultural resources be included in the Initial Study Tribal Cultural Resources section. Further information on potential Tribal Cultural Resources in the Project Area, including a UAIC requested Tribal Cultural Resources (TCR) mitigation measure (TCR-1), is provided in Section 4.18 *Tribal Cultural Resources* of this IS/MND.

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### 3.0 ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED AND DETERMINATION

#### 3.1 Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by the Project, involving at least one impact that is a *Potentially Significant Impact*, as indicated by the checklist on the following pages.

- |                                                             |                                                      |                                                               |
|-------------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------|
| <input type="checkbox"/> Aesthetics                         | <input type="checkbox"/> Hazards/Hazardous Materials | <input type="checkbox"/> Recreation                           |
| <input type="checkbox"/> Agriculture and Forestry Resources | <input type="checkbox"/> Hydrology/Water Quality     | <input type="checkbox"/> Transportation                       |
| <input type="checkbox"/> Air Quality                        | <input type="checkbox"/> Land Use and Planning       | <input checked="" type="checkbox"/> Tribal Cultural Resources |
| <input checked="" type="checkbox"/> Biological Resources    | <input type="checkbox"/> Mineral Resources           | <input type="checkbox"/> Utilities and Service Systems        |
| <input type="checkbox"/> Cultural Resources                 | <input type="checkbox"/> Noise                       | <input type="checkbox"/> Wildfire                             |
| <input type="checkbox"/> Energy                             | <input type="checkbox"/> Paleontological Resources   | <input type="checkbox"/> Mandatory Findings of Significance   |
| <input checked="" type="checkbox"/> Geology and Soils       | <input type="checkbox"/> Population and Housing      |                                                               |
| <input type="checkbox"/> Greenhouse Gas Emissions           | <input type="checkbox"/> Public Services             |                                                               |

#### Determination

On the basis of this initial evaluation:

- I find that the Project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared. ☐
- I find that although the Project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the Project have been made by or agreed to by the Project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared. ☒
- I find that the Project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required. ☐
- I find that the Project MAY have a "potentially significant impact" or "potentially significant unless mitigated" impact on the environment but at least one effect 1) has been adequately analyzed in an earlier document pursuant to applicable legal standards, and 2) has been addressed by mitigation measures based on the earlier analysis as described on attached sheets. An ENVIRONMENTAL IMPACT REPORT is required, but it must analyze only the effects that remain to be addressed. ☐
- I find that although the Project could have a significant effect on the environment, because all potentially significant effects (a) have been analyzed adequately in an earlier EIR or NEGATIVE DECLARATION pursuant to applicable standards, and (b) have been avoided or mitigated pursuant to that earlier EIR or NEGATIVE DECLARATION, including revisions or mitigation measures that are imposed upon the Project, nothing further is required. ☐



Terri Shirhall, Environmental Coordinator

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## **4.0 ENVIRONMENTAL CHECKLIST AND DISCUSSION**

### **4.1 Aesthetics**

#### **4.1.1 Environmental Setting**

##### **4.1.1.1 Regional Setting**

##### **State Scenic Highways**

The California Scenic Highway Program protects and enhances the scenic beauty of California's highways and adjacent corridors. The California Department of Transportation (Caltrans) can designate a highway as scenic based on how much natural beauty can be seen by users of the highway, the quality of the scenic landscape, and if development impacts the enjoyment of the view.

According to the GPU EIR, there are no designated or eligible state scenic highways within or near the City of Roseville, and the City of Roseville is not visible from any officially designated or eligible state scenic highway.

##### **4.1.1.2 Local Setting**

##### **Roseville 2035 General Plan**

As discussed in the GPU EIR, the City of Roseville does not have any locally designated scenic highways. Thus, scenic highways are not analyzed in the GPU EIR.

##### **4.1.1.3 Visual Character of the Project Site**

Roseville and its environs are generally characterized as a transitional zone between the Central Valley's flat terrain and the Sierra Nevada foothills. On clear days, long-range views in the project vicinity include the Sierra Nevada to the east, the Sutter Buttes to the north, and the Coast Ranges to the west. The Project site lies within the Northwest Roseville Specific Plan, a primarily built and urbanized area of Roseville. Lands adjacent the Project site consist primarily of commercial, office, residential, recreational, and open space uses. Commercial development is concentrated at the northwest corner of the Pleasant Grove Boulevard/Woodcreek Oaks Boulevard intersection and at the southwest corner of the Pleasant Grove Boulevard/Foothills Boulevard intersection. Commercial and office uses exist south of Pleasant Grove Boulevard between Foothills Boulevard on the west and the Union Pacific Railroad on the east. Open space uses exist north and south of Pleasant Grove Boulevard between Country Club Drive and Misty Wood Drive and Misty Wood Park exists north of Pleasant Grove Boulevard just west of Misty Wood Drive. Portions of the Woodcreek Oaks Golf Course, located north of Pleasant Grove Boulevard between Country Club Drive and Laporte Drive, are also visible to Pleasant Grove Boulevard travelers.

Pleasant Gove Boulevard within the Project area includes ornamental trees, native oak trees and shrub plantings within both the over-sized center median (designed to accommodate proposed road widening) and adjacent roadside landscape areas. The adjacent landscape areas also accommodate Class 1



meandering pedestrian paths. The Pleasant Grove Boulevard center median and roadside landscape areas contain mature trees and shrubs. At the time Pleasant Grove Boulevard was constructed, existing native oaks trees were retained within these landscape areas. As a result, several oaks are now of substantial size and incompatible with proposed road widening.

The primary viewer groups that have views of the Project area include office and commercial center employees, shoppers, and nearby residents, including commuters accessing Highway 65 and Interstate 80 via Pleasant Grove Boulevard. Because Pleasant Grove Boulevard is an existing 4-lane arterial road, the Project segment includes existing streetlights, traffic signals and glare from vehicle headlights.

#### 4.1.2 Aesthetics (I) Environmental Checklist and Discussion

| Except as provided in Public Resources Code Section 21099, would the Project: | New Significant Impact   | Substantially More Severe Significant Impact | Less than Significant Impact with Additional Mitigation | No New Impact                       |
|-------------------------------------------------------------------------------|--------------------------|----------------------------------------------|---------------------------------------------------------|-------------------------------------|
| a) have a substantial adverse effect on a scenic vista?                       | <input type="checkbox"/> | <input type="checkbox"/>                     | <input type="checkbox"/>                                | <input checked="" type="checkbox"/> |

##### No New Impact

The GPU EIR concludes there are no scenic vistas within the Planning Area, nor is the Planning Area visible from any scenic vista; therefore, new development within the Planning Area would have a less-than-significant impact on scenic vistas.

As discussed in the GPU EIR, no scenic vistas are located within the City's Planning Area and thus there are no scenic vistas within the Project limits. Furthermore, the proposed widening Project between Foothills Boulevard and Woodcreek Oaks Boulevard is consistent with the General Plan's adopted CIP Program and therefore was anticipated by and evaluated in the GPU EIR. Thus, the Project is adequately addressed in the GPU EIR, there would be **no new impact** to scenic vistas and no mitigation is required.

| Except as provided in Public Resources Code Section 21099, would the Project:                                                                            | New Significant Impact   | Substantially More Severe Significant Impact | Less than Significant Impact with Additional Mitigation | No New Impact                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------|---------------------------------------------------------|-------------------------------------|
| b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway? | <input type="checkbox"/> | <input type="checkbox"/>                     | <input type="checkbox"/>                                | <input checked="" type="checkbox"/> |

##### No New Impact

The GPU EIR concludes there is no designated or eligible state scenic highway within or in close proximity to the City's Planning Area, and the Planning Area is not visible from any officially designated or eligible state or locally designated scenic highway. Furthermore, the City of Roseville does not have any locally designated scenic highways. Thus, the Project is adequately addressed by the GPU EIR and there would be **no new impact** to scenic resources and no mitigation is required.

**Except as provided in Public Resources Code Section 21099, would the Project:**

- c) In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from publicly accessible vantage point). If the Project is in an urbanized area, would the Project conflict with applicable zoning and other regulations governing scenic quality?

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Impact☐☐☐☒**No New Impact**

The GPU EIR concludes that, buildout of the General Plan would include development and public infrastructure and facilities that would change the existing visual character of the Planning Area. Implementation of General Plan policies, along with adherence to the City's Community Design Standards, as well as the requirements of the City's Municipal Code, and other adopted plans, would ensure the continuation of high-quality design and preservation of open space such that the General Plan would not conflict with applicable zoning or other regulations governing scenic quality. However, the change in existing visual character from undeveloped open space and agricultural land to developed urban land was found to be a significant and unavoidable impact by the GPU EIR.

Project construction activities would introduce heavy equipment, including backhoes, bulldozers, excavators, and/or similar machinery into the viewshed of all viewer groups, creating temporary effects on views of and from the Project site during construction. These activities would be visible from ground-level and elevated vantages. However, the visual effects of construction activities would not conflict with zoning or other regulations governing scenic quality because of their temporary character and the transience of viewers passing by the project site. Thus, there would be no new impact and no mitigation is required.

The Project is located in an urbanized area, along an existing road, and would be subject to all City zoning and other regulations governing scenic quality. For example, the Project is required to comply with the following which are intended to provide high-quality design: Community Design Guidelines, Design & Construction Standards, the Northwest Roseville Specific Plan, and the City of Roseville Municipal Code, including Chapter 19.66 Tree Preservation which requires inch per inch replacement for any regulated native oak tree removed. Implementation of related zoning and policy measures would ensure continuation of high-quality design and the preservation of visual character and quality. Thus, although the Project requires landscape median tree removal, the reconfigured median would be replanted with appropriately sized trees and shrubs consistent with existing adopted City policy and regulation. There would be **no new impact** and no mitigation is required.

**Except as provided in Public Resources Code Section 21099, would the Project:**

|                                                                                                                                          | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| d) Would the Project create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

**No New Impact**

The GPU EIR found that Planning Area buildout would create significant new sources of substantial light or glare which could adversely affect day or nighttime views in the area. The GPU EIR concludes that it is not feasible to mitigate light and glare impacts completely without prohibiting the use of light in new development, and that no other feasible mitigation measures were available. Thus, the impact of creating a new source of light or glare was considered significant and unavoidable in the GPU EIR.

Proposed road widening would primarily occur into the center median of Pleasant Grove Boulevard, an arterial roadway with existing vehicle traffic/headlights and streetlights similar to other arterial roads in the City. Project improvements would be visually compatible with existing streetlights east and west of the Project segment, and would not create additional, substantial unnecessary light or glare, nor would the Project create a new source of substantial light or glare in an area not already experiencing these conditions. Thus, there would be **no new impact** to light or glare which could adversely affect day or nighttime views in the area and the Project is adequately addressed by the GPU EIR. No new mitigation is required.

**4.1.3 Mitigation Measures**

No new impacts were identified, and no mitigation measures are required.

**4.2 Agriculture and Forestry Resources****4.2.1 Environmental Setting**

According to the California Department of Conservation online Important Farmland Finder Map (<https://conservation.ca.gov/maps.conservation.ca.gov/DLRP/CIFF/AI>, 2016), the Project site does not contain Prime Farmland, Unique Farmland, or Farmland of Statewide Importance nor is the site zoned for agriculture or forestry use or is under Williamson Act contract. The California Important Farmland Finder Map identifies the site as Urban and Built-Up Land.

The City's Zoning Ordinance describes the permitted land uses and development standards for each of the designated zoning districts in the City on a parcel-by-parcel basis. The proposed Project is a road widening project and the Project site is designated Major Arterial by the General Plan Circulation Element and has no designation under the City of Roseville Zoning Ordinance. Furthermore, the Planning Area does not contain existing City of Roseville zoning for forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production.

#### 4.2.2 Agriculture and Forestry Resources (II) Environmental Checklist and Discussion

| Would the Project:                                                                                                                                                                                                                             | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

##### No New Impact

The GPU EIR concludes that buildout of the Plan Area would not convert Important Farmland to nonagricultural uses and no impact would occur.

As discussed above, the California Important Farmland Finder Map identifies the Project site as Urban and Built-Up Land. Thus, the Project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use. There would be **no new impact** and no mitigation is required.

| Would the Project:                                                                   | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|--------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| b) Conflict with existing zoning for agricultural use, or a Williamson Act contract? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

##### No New Impact

The GPU EIR found that the Planning Area is not zoned for agricultural uses and no parcels are under Williamson Act contracts (Placer County 2020). Therefore, buildout of the General Plan, including the proposed Pleasant Grove Boulevard Widening Project, would not conflict with existing zoning for agricultural uses or a Williamson Act contract. **No new impact** would occur, and no mitigation is required.

**Would the Project:**

- c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g))?

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Impact☒**No New Impact**

As discussed above, as a roadway, the Project site is not zoned nor does the City zoning ordinance include zone districts for forest land (as defined in Public Resources Code Section 12220(g)), timberland (as defined by Public Resources Code Section 4526), or timberland zoned Timberland Production (as defined by Government Code Section 51104(g)). Thus, Project implementation would not conflict with or cause the rezoning of any of the above zoning designations and there would be **no new impact**.

**Would the Project:**

- d) Result in the loss of forest land or conversion of forest land to non-forest use?

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More Severe  
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Significant  
Impact with  
Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

The proposed Project primarily involves road widening into an existing landscaped center median. The Project would not impact forest land or result in conversion of forest land to non-forest use. There would be **no new impact** and no mitigation is required.

**Would the Project:**

- e) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use?

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Significant  
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Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

The proposed Project primarily involves road widening into an existing landscaped center median. The Project would not result in conversion of Farmland to non-agricultural use or conversion of forest land to non-forest use. There would be **no new impact** and no mitigation is required.

### **4.2.3 Mitigation Measures**

No significant impacts were identified, and no mitigation measures are required.

## **4.3 Air Quality**

### **4.3.1 Environmental Setting**

The following section is derived from the *Air Quality and Greenhouse Gas Emissions Assessment for the Pleasant Grove Boulevard Widening Project* (ECORP 2022a, Appendix B-1) The City of Roseville is located within Placer County. The California Air Resource Board (CARB) has divided California into regional air basins according to topographic features. The City of Roseville portion of Placer County is located in a region identified as Sacramento Valley Air Basin (SVAB). The SVAB is comprised of nine air districts. The air basin is bounded by the Coastal and Diablo Mountain ranges on the west, the Sierra Nevada to the east, and the San Joaquin Valley to the south. The environmental conditions of Placer County are conducive to potentially adverse air quality conditions. The basin area traps pollutants between two mountain ranges to the east and the west. This problem is exacerbated by a temperature inversion layer that traps air at lower levels below an overlying layer of warmer air. Prevailing winds in the area are generally from the south and southwest. Sea breezes flow over the San Francisco Bay Area and into the Sacramento Valley, transporting pollutants from the large urban areas. Growth and urbanization in Placer County have also contributed to an increase in emissions.

Both the U.S. Environmental Protection Agency (USEPA) and CARB have established ambient air quality standards for common pollutants. These ambient air quality standards are levels of contaminants representing safe levels that avoid specific adverse health effects associated with each pollutant. The ambient air quality standards cover what are called “criteria” pollutants because the health and other effects of each pollutant are described in criteria documents. The six criteria pollutants are ozone (O<sub>3</sub>), carbon monoxide (CO), particulate matter (PM), nitrogen oxides (NO<sub>x</sub>), sulfur dioxide (SO<sub>2</sub>), and lead. Areas that meet ambient air quality standards are classified as attainment areas, while areas that do not meet these standards are classified as nonattainment areas. The portion of Placer County encompassing the City of Roseville and the Project Site is designated as a nonattainment area for the federal O<sub>3</sub> standards and is also a nonattainment area for the state standards for O<sub>3</sub> and coarse particulate matter (PM<sub>10</sub>) (CARB 2019).

The local air quality regulating authority in Placer County is the Placer County Air Pollution Control District (PCAPCD). The PCAPCD is designated by law to adopt and enforce regulations to achieve and maintain ambient air quality standards. The PCAPCD responsibilities include preparing plans for the attainment of ambient air quality standards, adopting and enforcing air pollution rules, issuing permits for and inspecting stationary air pollution sources, responding to citizen complaints, monitoring ambient air quality and meteorological conditions, and implementing state and federal programs and regulations. The PCAPCD has also adopted various rules and regulations that are designed to reduce and control pollutant emissions from project’s construction and operational activities. The following provisions applicable to the proposed Project are summarized as follows:

- Rule 202 Visible Emissions: A person shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three (3) in any one (1) hour which is: a.) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or b.) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in section (A) above.
- Rule 205 Nuisance: A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which causes injury, detriment, nuisance or annoyance to any considerable number of persons or to the public, or which endanger the comfort, repose, health or safety of any such persons or the public, or which cause to have a natural tendency to cause injury or damage to businesses or property.
- Rule 213 Transfer of Gasoline Transfer into Stationary Storage Containers: The provisions of this rule shall apply to the transfer of gasoline into any stationary storage container.
- Rule 214 Transfer of Gasoline into Vehicle Fuel Tanks: The provisions of this rule shall apply to the transfer of gasoline from any stationary storage tank into any motor vehicle fuel tank.
- Rule 218 Architectural Coating: To limit the quantity of volatile organic compounds in architectural coating supplied, sold, offered for sale, applied, solicited for application, or manufactured for use within the District.
- Rule 228 Fugitive Dust: To reduce the amount of particulate matter entrained in the ambient air, or discharge into the ambient air, as a result of anthropogenic (manmade) fugitive dust sources by requiring actions to prevent, reduce, or mitigate fugitive dust emissions.
- Rule 502 New Source Review: The purpose of this rule is to provide for the review of new and modified stationary air pollution sources and to provide mechanisms, including emission offsets, by which authorities to construct for such sources may be granted without interfering with the attainment or maintenance of ambient air quality standards.

#### 4.3.2 Air Quality (III) Environmental Checklist and Discussion

| <b>Except as provided in Public Resources Code Section 21099, would the Project:</b> |                                                                              | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|--------------------------------------------------------------------------------------|------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a)                                                                                   | Conflict with or obstruct implementation of the applicable air quality plan? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

The GPU EIR concludes that long-term operational emissions would be generated from day-to-day activities associated with residential and non-residential land uses allowed under the General Plan. Associated operational emissions were found to exceed applicable PCAPCD thresholds. Thus, the level of operational emissions could conflict with or obstruct implementation of the applicable air quality plan.

Even with implementation of all feasible General Plan policy and mitigation measures, this impact was considered significant and unavoidable by the GPU EIR.

As part of its enforcement responsibilities, the USEPA requires each state with nonattainment areas to prepare and submit a State Implementation Plan (SIP) that demonstrates the means to attain the federal standards. The SIP must integrate federal, state, and local plan components and regulations to identify specific measures to reduce pollution in nonattainment areas, using a combination of performance standards and market-based programs. Similarly, under state law, the California Clean Air Act requires an air quality attainment plan to be prepared for areas designated as nonattainment with regard to the federal and state ambient air quality standards. Air quality attainment plans outline emissions limits and control measures to achieve and maintain these standards by the earliest practical date.

The PCAPCD is the agency responsible for enforcing many federal and state air quality requirements and for establishing air quality rules and regulations. The PCAPCD attains and maintains air quality conditions in Placer County through a comprehensive program of planning, regulation, enforcement, technical innovation, and promotion of the understanding of air quality issues. As part of this effort, the PCAPCD has developed input to the SIP. The 2017 Sacramento Regional 2008 8-Hour Ozone Attainment and Reasonable Further Progress Plan (including 2018 updates), the PM<sub>10</sub> Implementation/Maintenance Plan and Re-Designation Request (SMAQMD 2010), and PM<sub>2.5</sub> Implementation/Maintenance Plan and Re-designation Request for Sacramento PM<sub>2.5</sub> Nonattainment Area (SMAQMD 2013) constitute the current SIP for the Placer County portion of the SVAB and include the PCAPCD's plans and control measures for attaining air quality standards. These air quality attainment plans are a compilation of new and previously submitted plans, programs (e.g., monitoring, modeling, permitting), district rules, state regulations, and federal controls describing how the state will attain ambient air quality standards.

The SIP plans and control measures are based on information derived from projected growth in Placer County in order to project future emissions and then determine strategies and regulatory controls for the reduction of emissions. Growth projections are based on the general plans developed by Placer County and the incorporated cities in the county. As such, projects that propose development consistent with the growth anticipated by the respective general plan of the jurisdiction in which the proposed development is located would be consistent with the SIP. In the event that a project would propose a development that is less dense than that associated with the general plan, the project would likewise be consistent with the SIP. If a project, however, proposes a development that is denser than that assumed in the general plan, the project may be in conflict with the SIP and could therefore result in a significant impact on air quality.

Growth projections for Placer County in the Project area are based on the City of Roseville General Plan. As such, projects in the city that propose development consistent with the growth anticipated by the General Plan would be consistent with PCAPCD's air quality planning efforts. The Project does not include development of new housing or employment centers and would not induce population or employment growth. Rather, the Project seeks to address existing and future traffic deficiencies and improve circulation consistent with the City's Transportation System 2035 Capital Improvement Program (CIP). Therefore, the Project would not affect local plans for population growth and the proposed Project would be considered consistent with the population, housing, and employment growth projections utilized in the preparation of PCAPCD air quality planning efforts. Furthermore, as described in detail below, the Project would not



exceed the PCAPCD's short-term construction or long-term operational thresholds and in turn would not violate any air quality standards, and thus would not result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is nonattainment.

The Project would not conflict with or obstruct implementation of the applicable air quality plan. **No new impact** would occur, and no additional mitigation is required.

| Except as provided in Public Resources Code Section 21099, would the Project                                                                                                                      | New Significant Impact   | Substantially More Severe Significant Impact | Less than Significant Impact with Additional Mitigation | No New Impact                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------------------------------|---------------------------------------------------------|-------------------------------------|
| b) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard? | <input type="checkbox"/> | <input type="checkbox"/>                     | <input type="checkbox"/>                                | <input checked="" type="checkbox"/> |

### No New Impact

The GPU EIR concludes that generation of emissions of criteria air pollutants and precursors could exceed an ambient air quality standard or contribute substantially to an existing or predicted air quality exceedance. Even with implementation of all feasible General Plan Policy and mitigation measures, this impact was found to be significant and unavoidable.

By its very nature, air pollution is largely a cumulative impact. No single project is sufficient in size, by itself, to result in nonattainment of ambient air quality standards. Instead, a project's individual emissions contribute to existing cumulatively significant adverse air quality impacts. If a project's individual emissions exceed its identified significance thresholds, the project would be cumulatively considerable. Projects that do not exceed significance thresholds would not be considered cumulative considerable.

Project construction emissions were modeled using the Roadway Construction Emissions Model (RCEM), version 9.0.0. RCEM is a spreadsheet-based model that is able to estimate exhaust emissions from heavy-duty construction equipment, haul trucks, and worker commute trips as well as fugitive dust from the construction of a new roadway, road widening, roadway overpass, levee or pipeline projects.

The proposed Project improvements are intended to address existing and future traffic deficiencies and improve circulation consistent with the City's Transportation System 2035 CIP. According to the Traffic Study prepared for the Project (Fehr & Peers 2022), the proposed Project itself would not generate automobile trips; but would instead increase the capacity in order to improve traffic operations. This would affect traffic patterns in the City. Therefore, potential impacts of the Project from mobile-source air quality emissions during the post-construction operations is evaluated based upon AM and PM peak hour vehicle idling times as provided by Fehr & Peers (Fehr & Peers. 2022). Emissions generated from automobile idling in the Project Limits are estimated with the use of the 2021 version of the Emission FACtor model (EMFAC). EMFAC 2021 is a mathematical model that was developed to calculate emission rates from motor vehicles that operate on highways, freeways, and local roads in California and is commonly used by CARB to predict changes in future emissions from on-road mobile sources including

cars, trucks, and buses in California. EMFAC 2021 includes the latest data on automobile fleets and travel activity within Placer County.

Projected operational emissions associated with proposed post-construction operations are compared to the existing baseline, which includes the current operations accommodated by the segment of Pleasant Grove Boulevard beginning 1,500 feet east of Foothills Boulevard to 700 feet west of Woodcreek Oaks Boulevard. This segment encompasses the following facilities:

- Pleasant Grove Boulevard/Woodcreek Oaks Boulevard intersection (currently 43 – 35 seconds of delay per vehicle)
- Pleasant Grove Boulevard/Birkdale Drive-Retreat Way intersection (currently 79 – 268 seconds of delay per vehicle)
- Pleasant Grove Boulevard/Country Club Drive intersection (currently 10 – 20 seconds of delay per vehicle)
- Pleasant Grove Boulevard/Laporte Drive-Hemingway Drive intersection (currently 204 – >300 seconds of delay per vehicle)
- Pleasant Grove Boulevard/Misty Wood Drive intersection (currently 37 - 278 seconds of delay per vehicle)
- Pleasant Grove Boulevard/Foothills Boulevard intersection (currently 44 – 58 seconds of delay per vehicle)

In addition to identifying emissions associated with the overall post-construction operations, emissions generated by the expected seconds of delay (automobile idling) at each intersection are identified individually.

#### **4.3.2.1 Construction Impacts**

Emissions associated with Project construction would be temporary and short-term but have the potential to represent a significant air quality impact. Three basic sources of short-term emissions will be generated through construction of the proposed Project: operation of the construction vehicles (i.e., tractors, forklifts, pavers), the creation of fugitive dust during clearing and grading, and the use of asphalt or other oil-based substances during paving activities. Construction activities such as excavation and grading operations, construction vehicle traffic, and wind blowing over exposed soils would generate exhaust emissions and fugitive PM emissions that affect local air quality at various times during construction. Effects would be variable depending on the weather, soil conditions, the amount of activity taking place, and the nature of dust control efforts.

Construction-generated emissions associated with the proposed Project were calculated using the RCEM model. Appendix B Air Quality provides more information regarding the construction assumptions, including construction equipment and duration, used in this analysis.

Predicted maximum daily construction-generated emissions for the proposed Project are summarized in *Table 4.3-1*. Construction-generated emissions are short-term and of temporary duration, lasting only if construction activities occur, but would be considered a significant air quality impact if the volume of pollutants generated exceeds the thresholds of significance.

| <b>Table 4.3-1. Construction-Related Criteria Air Pollutant Emissions</b> |                                               |                       |                        |
|---------------------------------------------------------------------------|-----------------------------------------------|-----------------------|------------------------|
| <b>Description</b>                                                        | <b>Pollutant<br/>(maximum pounds per day)</b> |                       |                        |
|                                                                           | <b>ROG</b>                                    | <b>NO<sub>x</sub></b> | <b>PM<sub>10</sub></b> |
| Grubbing/Land Clearing                                                    | 2.30                                          | 18.52                 | 10.85                  |
| Grading/Excavation                                                        | 2.60                                          | 34.11                 | 11.46                  |
| Drainage/Utilities/Subgrade & Paving                                      | 2.96                                          | 41.20                 | 11.81                  |
| <i>PCAPCD Potentially Significant Impact Threshold</i>                    | 82                                            | 82                    | 82                     |
| <b>Exceed PCAPCD Threshold?</b>                                           | No                                            | No                    | No                     |

Source: RCEM version 9.0.0. Refer to Appendix B-1 for Model Data Outputs.

Notes: Emission calculations account for the import/export of 1,000 cubic yards of soil and asphalt material daily during the grading/excavation phase and the import/export of 2,000 cubic yards of soil and asphalt material daily during the drainage/utilities/subgrade and paving phase.

As shown in *Table 4.3-1*, emissions generated during Project construction would not exceed the PCAPCD's thresholds of significance. Therefore, criteria pollutant emissions generated during Project construction would not result in a cumulatively considerable net increase of any criteria pollutant for which the Project region is nonattainment under an applicable federal or state ambient air quality standard. Thus, there would be **no new impact**.

#### **4.3.2.2 Operational Impacts**

The proposed Project improvements are intended to address existing and future traffic deficiencies and improve circulation consistent with the City's Transportation System 2035 CIP. According to the Traffic Study prepared for the Project (Fehr & Peers 2022), the proposed Project itself would not generate automobile trips; but would instead increase the capacity in order to improve traffic operations. This would affect traffic patterns in the city. Therefore, potential impacts of the Project from mobile-source air quality emissions during the post-construction operations is evaluated based upon AM and PM peak hour vehicle idling times as provided by Fehr & Peers (2022). Emissions generated from automobile idling in the Project Limits are estimated with the use of EMFAC 2021.

Projected operational emissions associated with proposed post-construction operations are compared to current operations accommodated by the segment of Pleasant Grove Boulevard beginning 1,500 feet east of Foothills Boulevard to 700 feet west of Woodcreek Oaks Boulevard. Long-term operational emissions are identified in *Table 4.3-2*. In addition to identifying emissions associated with the overall post-construction operations, emissions generated by the expected seconds of delay (automobile idling) at

each intersection (Pleasant Grove Boulevard/Woodcreek Oaks Boulevard intersection, Pleasant Grove Boulevard/Birkdale Drive-Retreat Way intersection, Pleasant Grove Boulevard/Country Club Drive intersection, Pleasant Grove Boulevard/Laporte Drive-Hemingway Drive intersection, Pleasant Grove Boulevard/Misty Wood Drive intersection, and Pleasant Grove Boulevard/Foothills Boulevard intersection) are identified individually. To isolate the effects of the Project without any induced travel demand, the proposed Project turning traffic volumes used in this analysis are representative of the existing volumes applied to the proposed Project geometry. The difference between emissions generated under existing conditions and those generated under the Project are identified in *Table 4.3-2* and compared to the regional operational significance thresholds promulgated by the PCAPCD.

| <b>Table 4.3-2. Operational Criteria Air Pollutant Emissions for AM &amp; PM Peak Periods (Maximum Pounds per Day)</b> |                    |                                    |            |                       |                        |
|------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------|------------|-----------------------|------------------------|
| <b>Location</b>                                                                                                        | <b>Trip Volume</b> | <b>Delay per Vehicle (Seconds)</b> | <b>ROG</b> | <b>NO<sub>x</sub></b> | <b>PM<sub>10</sub></b> |
| <b>Existing Conditions (2022)</b>                                                                                      |                    |                                    |            |                       |                        |
| Pleasant Grove Boulevard/Woodcreek Oaks Boulevard Intersection                                                         | 8,306              | AM Peak: 43<br>PM Peak: 35         | 0.012      | 0.192                 | 0.000                  |
| <i>Pleasant Grove Boulevard/Birkdale Drive-Retreat Way Intersection</i>                                                | 5,516              | AM Peak: 2<br>PM Peak: 2           | 0.000      | 0.006                 | 0.000                  |
| <i>Pleasant Grove Boulevard/Country Club Drive Intersection</i>                                                        | 6,036              | AM Peak: 10<br>PM Peak: 20         | 0.001      | 0.018                 | 0.000                  |
| <i>Pleasant Grove Boulevard/Laporte Drive-Hemingway Drive Intersection</i>                                             | 6,025              | AM Peak: 2<br>PM Peak: 10          | 0.001      | 0.022                 | 0.000                  |
| <i>Pleasant Grove Boulevard/Misty Wood Drive Intersection</i>                                                          | 6,166              | AM Peak: 1<br>PM Peak: 4           | 0.000      | 0.009                 | 0.000                  |
| <i>Pleasant Grove Boulevard/Foothills Boulevard Intersection</i>                                                       | 11,075             | AM Peak: 44<br>PM Peak: 58         | 0.022      | 0.341                 | 0.000                  |
| <b>Existing Conditions Total:</b>                                                                                      |                    |                                    | 0.038      | 0.591                 | 0.000                  |
| <b>Proposed Project Conditions</b>                                                                                     |                    |                                    |            |                       |                        |
| Pleasant Grove Boulevard/Woodcreek Oaks Boulevard Intersection                                                         | 8,346              | AM Peak: 37<br>PM Peak: 32         | 0.011      | 0.171                 | 0.000                  |
| Pleasant Grove Boulevard/Birkdale Drive-Retreat Way Intersection                                                       | 5,556              | AM Peak: 0<br>PM Peak: 0           | 0.000      | 0.000                 | 0.000                  |
| Pleasant Grove Boulevard/Country Club Drive Intersection                                                               | 6,100              | AM Peak: 8<br>PM Peak: 9           | 0.002      | 0.031                 | 0.000                  |
| Pleasant Grove Boulevard/Laporte Drive-Hemingway Drive Intersection                                                    | 6,117              | AM Peak: 1<br>PM Peak: 1           | 0.000      | 0.003                 | 0.000                  |

**Table 4.3-2. Operational Criteria Air Pollutant Emissions for AM & PM Peak Periods (Maximum Pounds per Day)**

| Location                                                  | Trip Volume | Delay per Vehicle (Seconds) | ROG   | NO <sub>x</sub> | PM <sub>10</sub> |
|-----------------------------------------------------------|-------------|-----------------------------|-------|-----------------|------------------|
| Pleasant Grove Boulevard/Misty Wood Drive Intersection    | 6,212       | AM Peak: 1<br>PM Peak: 1    | 0.000 | 0.003           | 0.000            |
| Pleasant Grove Boulevard/Foothills Boulevard Intersection | 11,265      | AM Peak: 43<br>PM Peak: 48  | 0.020 | 0.308           | 0.000            |
| <b>Proposed Project Conditions Total:</b>                 |             |                             | 0.033 | 0.517           | 0.000            |

Source: EMFAC2021. Refer to Appendix B-2 for Model Data Outputs.

As shown in *Table 4.3-2*, under the proposed Project, the segment of Pleasant Grove Boulevard beginning 1,500 feet east of Foothills Boulevard to 700 feet west of Woodcreek Oaks Boulevard and associated Project intersections would generate 0.033 pounds of Reactive Organic Gas (ROG), 0.517 pounds of NO<sub>x</sub>, and 0.000 pounds of PM<sub>10</sub> from idling automobiles during the combined AM and PM peak hours. This is a reduction of 0.005 pounds of ROG and 0.074 pounds of NO<sub>x</sub> daily compared with existing conditions. Thus, the Project would result in a decrease of daily emissions compared with existing conditions. Project emissions would not exceed any PCAPCD thresholds for any criteria air pollutants during operation.

In order to present a more concise comparison of idling emissions during existing conditions and proposed Project post-construction operations, *Table 4.3-3* omits emissions generated at each individual Project intersection.

**Table 4.3-3. Operational-Related Emissions Summary**

| Activity                                        | Pollutant<br>(maximum pounds per day) |                 |                  |
|-------------------------------------------------|---------------------------------------|-----------------|------------------|
|                                                 | ROG                                   | NO <sub>x</sub> | PM <sub>10</sub> |
| <b>Existing Conditions (2022)</b>               |                                       |                 |                  |
| Idling Emissions under Existing Conditions      | 0.038                                 | 0.591           | 0.000            |
| <b>Proposed Project Conditions</b>              |                                       |                 |                  |
| Idling Emissions Under Proposed Project         | 0.033                                 | 0.517           | 0.000            |
| PCAPCD Potentially Significant Impact Threshold | 55                                    | 55              | 82               |
| <b>Exceed PCAPCD Threshold?</b>                 | No                                    | No              | No               |

Source: EMFAC2021. Refer to Appendix B-2 for Model Data Outputs.

As shown in *Table 4.3-3*, the proposed Project would result in less emissions than existing conditions.

For the reasons listed above, the Project would result in **no new impact**.

**Except as provided in Public Resources Code Section 21099, would the Project:**

- c) Expose sensitive receptors to substantial pollutant concentrations?

New  
Significant  
Impact☐Substantially  
More Severe  
Significant  
Impact☐Less than  
Significant  
Impact with  
Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

The GPU EIR concludes that during construction and operation project's consistent with the General Plan, localized air pollutant emissions would be generated that could affect existing and proposed sensitive receptors. Construction activities would generate diesel particulate matter (DPM) emissions that could affect existing and proposed sensitive receptors. The GPU EIR finds that existing regulations and policies would reduce potential exposure to substantial pollutant concentrations during construction, however operational impacts were found to be potentially significant and unavoidable.

Sensitive receptors are defined as facilities or land uses that include members of the population that are particularly sensitive to the effects of air pollutants, such as children, the elderly, and people with illnesses. Examples of these sensitive receptors are residences, schools, hospitals, and daycare centers. CARB has identified the following groups of individuals as the most likely to be affected by air pollution: the elderly over age 65, children under age 14, athletes, and persons with cardiovascular and chronic respiratory diseases such as asthma, emphysema, and bronchitis. The nearest existing sensitive receptors to the Project are residences positioned adjacent to the northern and southern boundaries of the Project Limits. These residences are generally separated from Pleasant Grove Boulevard by a six-foot masonry wall and 30-foot-wide vegetated buffer with sidewalks.

Construction-related activities associated with the Project would result in temporary, short-term emissions of DPM, ROG, NO<sub>x</sub>, CO, PM<sub>10</sub> and PM<sub>2.5</sub> from the exhaust of off-road, heavy-duty diesel equipment for site preparation (e.g., clearing); soil and asphalt hauling truck traffic; paving; and other miscellaneous activities. The portion of the SVAB which encompasses the Project area is designated as a nonattainment area for federal O<sub>3</sub> and standards and is also a nonattainment area for the state standards for O<sub>3</sub> and PM<sub>10</sub> standards (CARB 2019). Thus, existing O<sub>3</sub> and PM<sub>10</sub> levels in the SVAB are at unhealthy levels during certain periods. However, as shown in *Table 4.3-1*, Project construction activities would not exceed the PCAPCD significance thresholds for emissions.

The health effects associated with O<sub>3</sub> are generally associated with reduced lung function. Because the Project would not involve construction activities that would result in O<sub>3</sub> precursor emissions (ROG or NO<sub>x</sub>) in excess of the PCAPCD thresholds, the Project is not anticipated to substantially contribute to regional O<sub>3</sub> concentrations and the associated health impacts during construction.

CO tends to be a localized impact associated with congested intersections. In terms of adverse health effects, CO competes with oxygen, often replacing it in the blood, reducing the blood's ability to transport oxygen to vital organs. The results of excess CO exposure can include dizziness, fatigue, and impairment of central nervous system functions. The Project would not involve construction activities that would result

in CO emissions in excess of the PCAPCD thresholds. Thus, the Project's CO emissions would not contribute to the health effects associated with this pollutant.

Particulate matter (PM<sub>10</sub> and PM<sub>2.5</sub>) contains microscopic solids or liquid droplets that are so small that they can get deep into the lungs and cause serious health problems. Particulate matter exposure has been linked to a variety of problems, including premature death in people with heart or lung disease, nonfatal heart attacks, irregular heartbeat, aggravated asthma, decreased lung function, and increased respiratory symptoms such as irritation of the airways, coughing, or difficulty breathing. For construction activity, DPM is the primary Toxic Air Contaminant of concern. PM<sub>10</sub> exhaust is considered a surrogate for DPM as all diesel exhaust is considered to be DPM. As with O<sub>3</sub> and NO<sub>x</sub>, the Project would not generate emissions of PM<sub>10</sub> that would exceed the PCAPCD's thresholds. Accordingly, the Project's DPM emissions are not expected to cause any increase in related regional health effects for these pollutants.

It has long been recognized that CO exceedances are caused by vehicular emissions, primarily when idling at intersections. Concentrations of CO are a direct function of the number of vehicles, length of delay, and traffic flow conditions. Under certain meteorological conditions, CO concentrations close to congested intersections that experience high levels of traffic and elevated background concentrations may reach unhealthy levels, affecting nearby sensitive receptors. Given the high traffic volume potential, areas of high CO concentrations, or *hot spots*, are typically associated with intersections that are projected to operate at unacceptable levels of service during the peak commute hours. It has long been recognized that CO hotspots are caused by vehicular emissions, primarily when idling at congested intersections. However, transport of this criteria pollutant is extremely limited, and CO disperses rapidly with distance from the source under normal meteorological conditions. Furthermore, vehicle emissions standards have become increasingly more stringent in the last 20 years. Currently, the allowable CO emissions standard in California is a maximum of 3.4 grams/mile for passenger cars (there are requirements for certain vehicles that are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of increasingly sophisticated and efficient emissions control technologies, CO concentration in the Placer County portion of the SVAB is designated as in attainment. Detailed modeling of Project-specific CO *hot spots* is not necessary and thus this potential impact is addressed qualitatively.

A CO *hot spot* would occur if an exceedance of the state one-hour standard of 20 Parts Per Million (ppm) or the eight-hour standard of 9 ppm were to occur. The analysis prepared for CO attainment in the South Coast Air Quality Management District's (SCAQMD) 1992 *Federal Attainment Plan for Carbon Monoxide* in Los Angeles County and a Modeling and Attainment Demonstration prepared by the SCAQMD as part of the 2003 Air Quality Management Plan can be used to demonstrate the potential for CO exceedances of these standards. The SCAQMD conducted a CO *hot spot* analysis as part of the 1992 CO Federal Attainment Plan at four busy intersections in Los Angeles County during the peak morning and afternoon time periods. The intersections evaluated included Long Beach Boulevard and Imperial Highway (Lynwood), Wilshire Boulevard and Veteran Avenue (Westwood), Sunset Boulevard and Highland Avenue (Hollywood), and La Cienega Boulevard and Century Boulevard (Inglewood). The busiest intersection evaluated was at Wilshire Boulevard and Veteran Avenue, which has a traffic volume of approximately 100,000 vehicles per day. Despite this level of traffic, the CO analysis concluded that there was no violation of CO standards (SCAQMD 1992). In order to establish a more accurate record of baseline CO

concentrations affecting the South Coast Air Basin, a CO *hot spot* analysis was conducted in 2003 at the same four busy intersections in Los Angeles at the peak morning and afternoon time periods. This *hot spot* analysis did not predict any violation of CO standards. The highest one-hour concentration was measured at 4.6 ppm at Wilshire Boulevard and Veteran Avenue and the highest eight-hour concentration was measured at 8.4 ppm at Long Beach Boulevard and Imperial Highway.

According to the Traffic Study prepared for the Project (Fear & Peers 2022), the Project Limits would not accommodate more than 100,000 vehicles daily. Furthermore, the Project would result in a decrease of daily emissions and reduction of automobile idling compared with existing conditions. Thus, there is no likelihood of the Project traffic exceeding CO values.

As discussed above, construction and operation of the proposed Project would not result in the development of any substantial sources of air toxics. There are no stationary sources associated with the operations of the Project and as previously described, the Project would result in a decrease of daily emissions compared with existing conditions. Therefore, the Project would result in beneficial changes in terms of the generation of air pollutant concentrations and there would be **no new impact** in terms of exposure of sensitive receptors to substantial construction or operational pollutant concentrations.

#### Would the Project:

d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

| New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

The GPU EIR finds that Plan Area buildout is subject to policies that would avoid exposure of a substantial number of people to objectionable odors and that related impacts are less than significant.

Typically, odors are regarded as an annoyance rather than a health hazard. However, manifestations of a person's reaction to foul odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory, and respiratory effects, nausea, vomiting, and headache).

With respect to odors, the human nose is the sole sensing device. The ability to detect odors varies considerably among the population and overall is quite subjective. Some individuals can smell minute quantities of specific substances; others may not have the same sensitivity but may have sensitivities to odors of other substances. In addition, people may have different reactions to the same odor; in fact, an odor that is offensive to one person (e.g., from a fast-food restaurant) may be perfectly acceptable to another. It is also important to note that an unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. This is because of the phenomenon known as odor fatigue, in which a person can become desensitized to almost any odor and recognition only occurs with an alteration in the intensity.



Quality and intensity are two properties present in any odor. The quality of an odor indicates the nature of the smell experience. For instance, if a person describes an odor as flowery or sweet, then the person is describing the quality of the odor. Intensity refers to the strength of the odor. For example, a person may use the word *strong* to describe the intensity of an odor. Odor intensity depends on the odorant concentration in the air. When an odorous sample is progressively diluted, the odorant concentration decreases. As this occurs, the odor intensity weakens and eventually becomes so low that the detection or recognition of the odor is quite difficult. At some point during dilution, the concentration of the odorant reaches a detection threshold. An odorant concentration below the detection threshold means that the concentration in the air is not detectable by the average human.

During construction, the proposed Project presents the potential for generation of objectionable odors in the form of diesel exhaust in the immediate vicinity of the site. However, these emissions are short-term in nature and will rapidly dissipate and be diluted by the atmosphere downwind of the emission sources. Additionally, odors would be localized and generally confined to the construction area. Therefore, construction odors would not adversely affect a substantial number of people to odor emissions.

According to the CARB Air Quality and Land Use Handbook: A Community Health Perspective (CARB 2005), the sources of the most common operational odor complaints received by local air districts include facilities such as sewage treatment plants, landfills, recycling facilities, petroleum refineries, and livestock operations. The Project does not contain any of the land uses identified as typically associated with emissions of objectionable odors. Thus, **no new impact** would occur.

#### **4.3.3 Mitigation Measures**

No new impacts were identified, and no mitigation measures are required.

### **4.4 Biological Resources**

This section is based on the analysis and recommendations presented in the Biological Resources Assessment (BRA) prepared for the proposed Project (ECORP 2022b, Appendix C).

#### **4.4.1 Methods**

The BRA assess the potential for occurrence of special-status plant and animal species or their habitat, and sensitive habitats such as wetlands within the Study Area. The assessment does not include determinate field surveys conducted according to agency-promulgated protocols. Rather, conclusions and recommendations are based on review of the existing literature and results of the current site reconnaissance survey and do not include determinate field surveys for special-status plant and wildlife species.

For the purposes of this assessment, special-status species are defined as plants or animals that:

- are listed, proposed for listing, or candidates for future listing as threatened or endangered under the federal Endangered Species Act (ESA);
- are listed or candidates for future listing as threatened or endangered under the California ESA;

- meet the definitions of endangered or rare under Section 15380 of the CEQA Guidelines;
- are identified as a species of special concern by the California Department of Fish and Wildlife (CDFW);
- are birds identified as Birds of Conservation Concern (BCC) by the U.S. Fish and Wildlife Service (USFWS 2021);
- are plants considered by the California Native Plant Society (CNPS) to be "rare, threatened, or endangered in California" (California Rare Plant Ranks [CRPR] 1 and 2);
- plants listed by CNPS as species about which more information is needed to determine their status (CRPR 3), and plants of limited distribution (CRPR 4);
- are plants listed as rare under the California Native Plant Protection Act (California Fish and Game Code, Section 1900 et seq.); or
- are fully protected in California in accordance with the California Fish and Game Code, Sections 3511 (birds), 4700 (mammals), 5050 (amphibians and reptiles), and 5515 (fishes).

Only species that fall into one of the above groups were considered. Other species sometimes found in database searches or within the literature were not included in this analysis.

#### **4.4.1.1 Literature Review**

The following resources were queried to determine whether any special-status species/habitat have potential to occur within the Study Area (See Appendix C, Attachment A):

- CDFW California Natural Diversity Database (CNDDDB) record search for the "Roseville, California" 7.5-minute quadrangles and the eight surrounding U.S. Geological Survey (USGS) quadrangles (CDFW 2022);
- USFWS Information, Planning, and Consultation System Resource Report List for the Study Area (USFWS 2022); and
- CNPS' electronic Inventory of Rare and Endangered Plants of California for the "Roseville, California" 7.5-minute quadrangles and the eight surrounding USGS quadrangles (CNPS 2022).

#### **4.4.1.2 Site Reconnaissance**

A field assessment was conducted by ECORP biologists Rachel Bennett and Courtney Owens on June 1, 2022. During this assessment, accessible portions of the Study Area were visually assessed by walking or driving. The following biological resource information was collected:

- Direct observations of special-status species;
- Animal and plant species directly observed;
- Habitat and vegetation communities; and

- Representative photographs of the Study Area (See Appendix C, Attachment B).

#### **4.4.1.3    *Special-Status Species Considered for the Project***

Based on species occurrence information from the literature review and observations in the field, a list of special-status plant and animal species that have the potential to occur within the Study Area was generated and is located in the results section. Each of these species with potential to occur onsite was assessed based on the following criteria:

- Present - Species was observed during the site visit or is known to occur within the Study Area based on documented occurrences within the CNDDDB or other literature
- Potential to Occur - Habitat (including soils and elevation requirements) for the species occurs within the Study Area
- Low Potential to Occur - Marginal or limited amounts of habitat occurs or the species is not known to occur within the vicinity of the Study Area based on CNDDDB records and other available documentation
- Absent - No suitable habitat (including soils and elevation requirements) or the species is not known to occur within the vicinity of the Study Area based on CNDDDB records and other documentation

#### **4.4.2        *Environmental Setting***

The biological resource Study Area includes the Pleasant Grove Boulevard right-of-way shown in Figures 2-2 and 2-3 and the staging area shown in Figure 2-4. The Study Area is located on relatively flat terrain with elevations ranging from 120 to 170 feet above Mean Sea Level (MSL) and is surrounded by residential and commercial development. The staging area is located on the eastern edge of the Study Area and is made up of annual grassland. Road widening would primarily occur into the existing center median which includes native oaks and ornamental landscape plantings.

The Woodcreek Oaks Preserve and City Preserve are within the vicinity of the Study Area and occur north and south of Pleasant Grove Boulevard near the intersection of Pleasant Grove Boulevard and Country Club Drive. These areas consist of vernal pool grassland, primarily on the north side of Pleasant Grove Boulevard. The Woodcreek Oak Golf Course sits adjacent to the Preserve and has mature oaks throughout.

##### **4.4.2.1    *Vegetation Communities and Land Cover***

The Study Area is comprised of one vegetation community, ruderal annual grassland, and one land cover, developed.

### **Ruderal Annual Grassland**

The staging area is comprised of nonnative annual grassland and is surrounded by commercial development. This area is disturbed and includes weedy roadside vegetation such as yellow-star thistle (*Centaurea solstitialis*) and wild oat (*Avena* sp.).

### **Developed**

Developed portions of the Study Area are characterized by existing paved roads and sidewalks. The median of Pleasant Grove Boulevard is landscaped and composed of mostly Valley Oak (*Quercus lobata*) and Interior Live Oak (*Quercus wislizeni*). The understory is a mix of bare ground, shrubs, and some landscaped flowers, varying depending on location.

#### **4.4.2.2 Soils**

According to the Web Soil Survey (National Resources Conservation Service [NRCS] 2022), three soil units, or types, have been mapped within the Study Area (*Figure 4.4-1*):

141 – Cometa-Fiddymont complex, 1 to 5 percent slopes

142 – Cometa-Ramos sandy loams, 1 to 5 percent slopes

194 – Xerofluvents, frequently flooded

#### **4.4.2.3 Aquatic Resources**

There are no aquatic features within the Study Area.

### **4.4.3 Evaluation of Species Identified in the Literature Search**

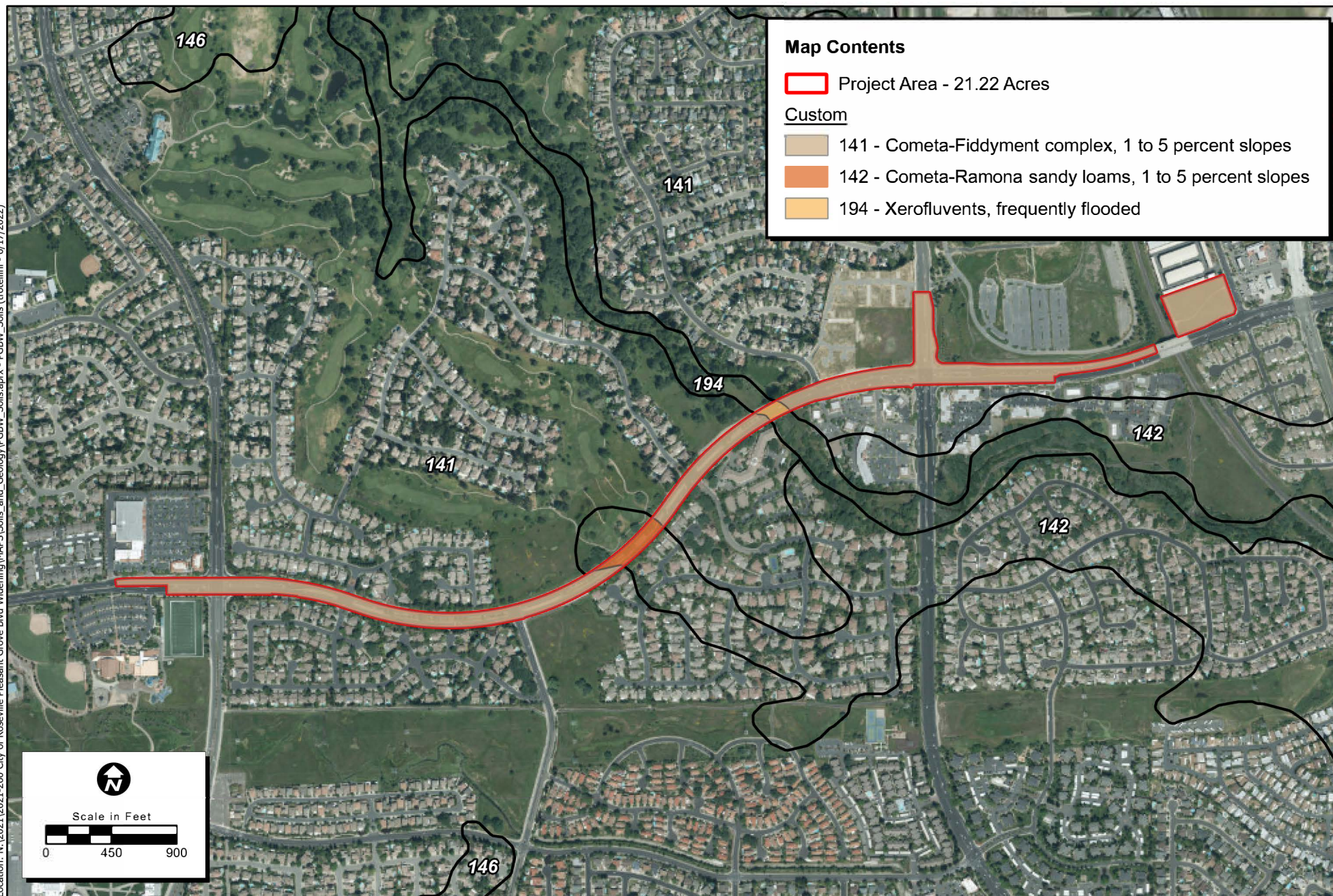
BRA Table 1 (Appendix C) lists all the special-status plant and animal species identified in the literature review as having potential to occur within the Study Area. Included in this table is a determination on the potential to occur within the Study Area. Following the table is a brief description and discussion of each special-status species with potential to occur in the Study Area. Results are summarized below.

#### **4.4.3.1 Plants**

Fourteen special-status plant species were identified as having the potential to occur within the Study Area based on the literature review. Upon further analysis and site reconnaissance, 11 species were determined to be absent from the Study Area due to the lack of suitable habitat. No further discussion of those species is provided in this assessment. Brief descriptions of the three special-status plants with the potential to occur within the Study Area is presented below.



Location: N:\2021\2021-260 City of Roseville Pleasant Grove Blvd Widening\MAPS\Soils and Geology\PGBW\_Soils.aprx - PGBW\_Soils (trotellini) - 6/17/2022





### **Valley Brodiaea**

Valley brodiaea (*Brodiaea rosea* ssp. *vallicola*) is not listed pursuant to either the federal or California ESAs, but is designated as a CRPR 4.2 species. This species is a bulbiferous perennial herb that occurs in old alluvial terraces and silty, sandy, or gravelly soils in vernal pools, swales, and valley and foothill grassland. Valley brodiaea blooms from April through May (sometimes June) and is known to occur at elevations ranging from 35 to 1,100 feet above MSL. Valley brodiaea is endemic to California; the current range of this species includes Butte, Calaveras, Nevada, Placer, Sacramento, San Joaquin, Sutter, and Yuba counties (CNPS 2022).

There are no documented CNDDDB occurrence of valley brodiaea within 5 miles of the Study Area (CDFW 2022). The grassland within the staging area provides marginally suitable habitat for this species. Valley brodiaea has low potential to occur within the Study Area.

### **Stinkbells**

Stinkbells (*Fritillaria agrestis*) is not listed pursuant to either the federal or California ESAs, but is designated as a CRPR 4.2 species. This species is a perennial bulbiferous herb that occurs in clay, sometimes serpentinite areas in chaparral, cismontane woodland, pinyon and juniper woodland, and valley and foothill grassland. Stinkbells bloom from March through June and is known to occur at elevations ranging from 35 to 5,100 feet above MSL. This species is endemic to California; its current range includes Alameda, Colusa, Contra Costa, Fresno, Kern, Kings, Mendocino, Merced, Monterey, Mariposa, Placer, Sacramento, Santa Barbara, San Benito, Santa Clara, San Luis Obispo, San Mateo, Stanislaus, Tuolumne, Ventura, and Yuba counties, and is considered to be extirpated from San Mateo County (CNPS 2022).

There is one documented CNDDDB occurrences of stinkbells within 5 miles of the Study Area (CDFW 2022). The grassland within the staging area provides marginal habitat for this species. Stinkbells has low potential to occur within the Study Area.

### **Bristly Leptosiphon**

Bristly leptosiphon (*Leptosiphon acicularis*) is not listed pursuant to either the federal or California ESAs but is designated as a CRPR 4.2 species. This species is an annual herb that occurs in chaparral, cismontane woodland, coastal prairie, and valley and foothill grassland. Bristly leptosiphon blooms from April through July and is known to occur at elevations ranging from 180 to 4,920 feet above MSL. Bristly leptosiphon is endemic to California; the current range of this species includes Alameda, Butte, Colusa, Humboldt, Kern, Lake, Marin, Mendocino, Napa, Placer, San Benito, San Mateo, Santa Clara, Santa Cruz, Solano, Sonoma, and Yuba counties (CNPS 2022).

There is no documented CNDDDB occurrence of bristly leptosiphon within 5 miles of the Study Area (CDFW 2022). The grassland within the staging area provides marginal habitat for this species. Bristly leptosiphon has low potential to occur within the Project Area.

#### **4.4.3.2 Invertebrates**

Five special-status invertebrate species were identified as having potential to occur within the Study Area based on the literature review. Upon further analysis and site reconnaissance, all of the species, conservancy fairy shrimp (*Branchinecta conservatio*), vernal pool fairy shrimp (*B. lynchi*), monarch butterfly (*Danaus plexippus*), vernal pool tadpole shrimp (*Lepidurus packardii*), and valley elderberry longhorn beetle (*Desmocerus californicus dimorphus*) were determined to be absent due to an absence of suitable habitat. No further discussion of these species is provided in this assessment.

#### **4.4.3.3 Fish**

Four special-status fish species were identified as having potential to occur within the Study Area based on the literature review. Upon further analysis and site reconnaissance, all four of these species, Pacific lamprey (*Entosphenus tridentatus*), delta smelt (*Hypomesus transpacificus*), Western River lamprey (*Lampetra ayresii*), and Steelhead (California Central Valley Evolutionarily Significant Unit, *Oncorhynchus mykiss*) were determined to be absent from the Project Area due to the lack of suitable habitat. No further discussion of these species is provided in this assessment.

#### **4.4.3.4 Amphibians**

One special-status amphibian species, western spadefoot (*Spea hammondi*), was identified as having the potential to occur within the Study Area based on the literature review. Upon further analysis and site reconnaissance, western spadefoot was determined to be absent from the Study Area due to the lack of suitable habitat. No further discussion of these species is provided in this assessment.

#### **4.4.3.5 Reptiles**

Three special-status reptile species were identified as having potential to occur within the Study Area based on the literature review. Upon further analysis and site reconnaissance, all three species, northwestern pond turtle (*Actinemys marmorata*), Blainville's coast horned lizard (*Phrynosoma blainvillii*), and giant garter snake (*Thamnophis gigas*) were determined to be absent due to an absence of suitable habitat. No further discussion of these species is provided in this assessment.

#### **4.4.3.6 Birds**

Thirty-six special-status bird species were identified as having potential to occur within the Study Area based on the literature review. Upon further analysis and after the reconnaissance visit, 30 of these species were considered to be absent from the Study Area due to the lack of suitable wintering, foraging, and/or breeding habitat, or because the Study Area is outside of the current known range of the species. Brief descriptions of the remaining six species with the potential to occur within the Study Area are presented below.

### **White-tailed kite**

White-tailed kite (*Elanus leucurus*) is not listed pursuant to either the California or federal ESAs; however, the species is fully protected pursuant to Section 3511 of the California Fish and Game Code. This species is a common resident in the Central Valley and the entire length of the California coast, and all areas up to the Sierra Nevada foothills and southeastern deserts (Dunk 2020). In northern California, white-tailed kite nesting occurs from March through early August, with nesting activity peaking from March through June. Nesting occurs in trees within riparian, oak woodland, savannah, and agricultural communities that are near foraging areas such as low elevation grasslands, agricultural, meadows, farmlands, savannahs, and emergent wetlands (Dunk 2020).

There is one documented CNDDDB occurrence of white-tailed kite within 5 miles of the Study Area (CDFW 2022). Mature trees in and immediately adjacent to the Study Area represent potential nesting habitat. White-tailed kite has potential to nest within the Study Area.

### **Cooper's hawk**

The Cooper's hawk (*Accipiter cooperii*) is not listed pursuant to either the California or federal ESA's, however, it is a CDFW *watch list* species and is currently tracked in the CNDDDB. Typical nesting and foraging habitats include riparian woodland, dense oak woodland, and other woodlands near water. Cooper's hawk nest throughout California from Siskiyou County to San Diego County and includes the Central Valley (Rosenfield et al. 2020). Breeding occurs during March through July, with a peak from May through July.

There are no documented CNDDDB occurrences of Cooper's hawk within 5 miles of the Study Area (CDFW 2022). Mature trees in and immediately adjacent to the Study Area represent potential nesting habitat. Cooper's hawk has potential to nest within the Study Area.

### **Swainson's Hawk**

The Swainson's hawk (*Buteo swainsoni*) is listed as a threatened species and is protected pursuant to the California ESA. This species nests in North America (Canada, western U.S., and Mexico) and typically winters from South America north to Mexico. However, a small population has been observed wintering in the Sacramento-San Joaquin River Delta (Bechard et al. 2020). In California, the nesting season for Swainson's hawk ranges from mid-March to late August. Swainson's hawks nest within tall trees in a variety of wooded communities including riparian, oak woodland, roadside landscape corridors, urban areas, and agricultural areas, among others. Foraging habitat includes open grassland, savannah, low-cover row crop fields, and livestock pastures. In the Central Valley, Swainson's hawks typically feed on a combination of California vole (*Microtus californicus*), California ground squirrel (*Otospermophilus beecheyi*), ring-necked pheasant (*Phasianus colchicus*), many passerine birds, and grasshoppers (*Melanoplus* species). Swainson's hawks are opportunistic foragers and will readily forage in association with agricultural mowing, harvesting, disking, and irrigating (Estep 1989). The removal of vegetative cover by such farming activities results in more readily available prey items for this species.



There are five documented CNDDDB occurrence of Swainson's hawk within 5 miles of the Study Area (CDFW 2022). There is no suitable nesting or foraging habitat in the Study Area, but marginal nesting habitat is present in adjacent trees on the golf course and in the adjacent open space preserves. Swainson's hawk has potential to nest within the vicinity of the Study Area.

### **Nuttall's Woodpecker**

The Nuttall's woodpecker (*Dryobates nuttallii*) is not listed and protected under either state or federal ESAs but is considered a USFWS BCC. They are resident from Siskiyou County south to Baja California. Nuttall's woodpeckers nest in tree cavities primarily within oak woodlands, but also can be found in riparian woodlands (Lowther et al. 2020). Breeding occurs during April through July.

There are no documented CNDDDB occurrence of Nuttall's Woodpecker within 5 miles of the Study Area (CDFW 2022). Mature oak trees in the Pleasant Grove Boulevard median represent potential nesting habitat. Nuttall's woodpecker has potential to nest within the Study Area.

### **Yellow-billed Magpie**

The yellow-billed magpie (*Pica nuttallii*) is not listed pursuant to either the California or federal ESAs but is considered a USFWS BCC. This endemic species is a yearlong resident of the Central Valley and Coast Ranges from San Francisco Bay to Santa Barbara County. Yellow-billed magpies build large, bulky nests in trees in a variety of open woodland habitats, typically near grassland, pastures or cropland. Nest building begins in late-January to mid-February, which may take up to 6 to 8 weeks to complete, with eggs laid during April-May, and fledging during May-June (Koenig and Reynolds 2020). The young leave the nest at about 30 days after hatching (Koenig and Reynolds 2020). Yellow-billed magpies are highly susceptible to West Nile Virus, which may have been the cause of death to thousands of magpies during 2004-2006 (Koenig and Reynolds 2020).

There are no documented CNDDDB occurrences of yellow-billed magpie within 5 miles of the Study Area (CDFW 2022). Mature trees within the Pleasant Grove Boulevard median represent potential nesting habitat. Yellow-billed magpie has potential to nest within the Study Area.

### **Oak Titmouse**

Oak titmouse (*Baeolophus inornatus*) are not listed and protected under either state or federal ESAs but are considered a USFWS BCC. Oak titmouse breeding range includes southwestern Oregon south through California's Coast, Transverse and Peninsular ranges, western foothills of the Sierra Nevada, into Baja California; they are absent from the humid northwestern coastal region and the San Joaquin Valley (Cicero et al. 2020). They are found in dry oak or oak-pine woodlands but may also use scrub oaks or other brush near woodlands (Cicero et al. 2020). Nesting occurs during March through July.

There are no documented CNDDDB occurrences of oak titmouse within 5 miles of the Study Area (CDFW 2022). Mature trees in median represent potential nesting habitat. Oak titmouse has potential to nest within the Study Area.

#### **4.4.3.7 Mammals**

Four special-status mammal species were identified as having potential to occur within the Study Area based on the literature review. Upon further analysis and after the reconnaissance visit, two of those species, American badger (*Taxidea taxus*) and western red bat (*Lasiurus blossevillii*), were considered to be absent due to the lack of suitable habitat. A brief description of the remaining species with the potential to occur within the Study Area is presented below.

##### **Townsend's Big Ear Bat**

Townsend's big-eared bats (*Corynorhinus townsendii*) are not listed pursuant to either the California or federal ESAs; however, it is designated as a Species of Special Concern (SSC) by the CDFW and a sensitive species by the United States Department of Agriculture Forest Service. This species is found in all alpine and subalpine habitats throughout California, and may be found any season throughout its range (Zeiner et al. 1990). Roosting habitat includes caves, tunnels, mines, buildings, bridges and other manufactured structures (Zeiner et al. 1990). Maternity roosts are found in caves, tunnels, mines, and buildings in small groups (usually fewer than 100 individuals) of females and young (Zeiner et al. 1990). Maternity colonies are in warmer parts of caves with males apparently solitary during the maternity period (Harvey et al. 2011). Townsend's big-eared bat will return each year to roosting sites (Harvey et al. 2011). Mating occurs during autumn and continues into winter with one offspring born in June (Harvey et al. 2011).

There are no documented CNDDDB occurrences Townsend's big ear bat within 5 miles of the Study Area (CDFW 2022). Crevices in existing bridge overpass adjacent to the Study Area provide marginal suitable roosting habitat. Townsend's big ear bat has low potential to occur within the Study Area.

##### **Pallid Bat**

Pallid bats (*Antrozous pallidus*) are not listed pursuant to either the California or federal ESAs; however, it is designated as an SSC by the CDFW and a sensitive species by the United States Department of Agriculture Forest Service. Their range extends from British Columbia to central Mexico (Harvey et al. 2011). Pallid bat has a strong association with arid regions with rocky outcrops near water (Harvey et al. 2011). Roosting usually occurs in rock crevices and buildings, but is also found in tree cavities, caves, mines, and piles of rocks (Harvey et al. 2011). Pallid bat roosts in small colonies of 20 or more individuals (Harvey et al. 2011). This species will give birth to one to two offspring in May or June (Harvey et al. 2011).

There are no documented CNDDDB occurrences of pallid bat within 5 miles of the Study Area (CDFW 2022). Crevices in existing bridge overpass adjacent to the Study Area provide marginal suitable roosting habitat. Pallid bat has low potential to occur within the Study Area.

#### **4.4.4 Sensitive Natural Communities**

Six sensitive natural communities were identified as having the potential to occur within the Study Area based on the literature review: Alkali Meadow, Alkali Seep, Northern Claypan Vernal Pool, Northern Hardpan Vernal Pool, Northern Volcanic Mud Flow Vernal Pool, and Valley Needlegrass Grassland (CDFW

2022) (See Appendix C, Attachment A). None of these communities were found to occur during the site assessment.

#### 4.4.5 Wildlife Movement/Corridors and Nursery Sites

The Study Area is located among developed residential and commercial landscapes. The majority of the Study Area is within an existing road that is heavily trafficked on a daily basis. These areas are not expected to support significant wildlife movement corridors.

For the purpose of this analysis, nursery sites include but are not limited to concentrations of nest or den sites such as heron rookeries or bat maternity roosts. This data is available through CDFW's Biogeographic Information and Observation System database or as occurrence records in the CNDDDB and is supplemented with the results of the field reconnaissance. No nursery sites have been documented within the Study Area (CDFW 2022) and none were observed during the site reconnaissance.

#### 4.4.6 Critical Habitat

The Study Area is not designated Critical Habitat for any federally listed species (USFWS Information for Planning and Conservation 2022).

#### 4.4.7 Protected Trees

There are several oak trees within the median portion of the Study Area that are protected by the City of Roseville Tree Preservation Ordinance. An Arborist survey (Level 2 – Basic Visual Assessment) has been completed for the Project (see IS/MND Appendix A). In total, 64 trees were inventoried during the survey and a total of 46 trees were found to be protected trees as defined by the City's Tree Preservation Ordinance. The City of Roseville defines a *Protected Tree* as any native oak tree equal to or greater than 6 inches in diameter DBH, measured as a total of a single trunk or multiple trunks. Based on the Arborist assessment, a total of 45 trees are located within the existing center median (and one tree is located north of Pleasant Grove Boulevard approximately 880 feet east of the Foothills Boulevard) and are recommended for removal. Of these, 37 are *protected* native oak trees with a combined DBH of 446 inches.

#### 4.4.8 Biological Resources (IV) Environmental Checklist and Discussion

| Would the Project:                                                                                                                                                                                                                                                                                                   | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|--------------------------|
| a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special-status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input checked="" type="checkbox"/>                                 | <input type="checkbox"/> |

### **Less than Significant Impact with Additional Mitigation**

According to the GPU EIR, full buildout of the General Plan would involve conversion of habitat that may be suitable for special-status plant and wildlife species to developed use. In addition to direct removal of special-status plant and wildlife habitat, development would result in habitat modification that could degrade habitat quality to a degree that it is no longer suitable for special-status plants to regenerate or for special status wildlife to reproduce, and these plant and wildlife populations could eventually die out. Also, development would include construction activities that could result in direct take of individual special-status wildlife species. The GPU EIR finds the impact to special status plant and wildlife species is addressed by adopted General Plan Goals and Policies, combined with current laws and regulations, and GPU EIR mitigation measures 4.8-1 (Implement Measures for Special-Status Plants and Habitat) and 4.8-2 (Implementation Measure for Special-Status Wildlife). These measures would be implemented when a potentially significant impact to special status plant and/or wildlife species is identified. With implementation of the above, impacts to special status plant and wildlife species were found to be less than significant.

The Project would result in temporary and permanent disturbance to upland areas and trees within the Pleasant Grove Boulevard median, within the additional right-of-way area required at the northeast corner of the Foothills Boulevard intersection, and within the temporary staging area. These impacts are addressed below.

#### **4.4.8.1    *Special Status Plants***

With regard to special status plants, while there is marginal habitat for three CRPR 4 species (i.e., valley brodiaea, stinkbells, and bristly leptosiphon) within the designated staging area; these species have low potential to occur. Minor temporary impacts associated with equipment staging and vehicle assess are anticipated in the staging area. The Project is not anticipated to have significant adverse effects to special-status plants given the small amount of marginal habitat present, the low likelihood for these species to occur, and the minor temporary impacts of construction staging. Thus, impacts to special status plants are less than significant and **no new impact** would occur.

#### **4.4.8.2    *Special Status Wildlife – Birds and Bats***

With regard to special status wildlife, construction activities, including tree trimming and removal, have the potential to impact nesting birds (including raptors) if present within or adjacent to construction activities. This is considered a potentially significant impact. With implementation of Mitigation Measure **BIO-1**, which is a “project level” refinement of GPU EIR Mitigation Measure 4.8-2, the Project would result in **a less than significant impact with additional mitigation**.

With regard to special status wildlife, construction activities adjacent to the Pleasant Grove Boulevard bridge/culvert undercrossing located west of Misty Wood Drive could also result in impacts to roosting bats if present. This is also considered a potentially significant impact. With implementation of Mitigation Measure **BIO-2**, which also represents a “project level” refinement of GPU EIR Mitigation Measure 4.8-2, the Project would result in **a less than significant impact with additional mitigation**.

**Would the Project:**

- b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?

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According to the GPU EIR, General Plan buildout would involve conversion of riparian habitat and other sensitive natural communities to developed use. In addition to direct removal of habitat, General Plan buildout would result in habitat modification that could degrade habitat quality to a degree that it is no longer suitable for riparian plants or other sensitive natural communities to regenerate, and these habitats and communities could eventually die out. This was considered a potentially significant impact. The GPU EIR finds that, with Implementation of adopted General Plan Goals and Policies, combined with current laws, regulations, and policies, the impact on riparian habitat and other sensitive natural communities would be reduced to less than significant.

The Project Study Area does not support any riparian habitat or sensitive natural communities. Thus, the Project would not have an adverse effect on riparian habitat or sensitive natural communities and there would be **no new impact**.

**Would the Project:**

- c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

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Impact☒**No New Impact**

According to the GPU EIR, buildout of the General Plan would involve conversion of wetlands and other waters to developed use. In addition to direct removal of wetlands and other waters, buildout of the General Plan would result in wetlands modification that could degrade habitat quality. These impacts were found to be potentially significant. Because much of the sensitive habitat in the Planning Area is already designated for preservation as open space, implementation of all General Plan adopted goals and policies, combined with current laws, regulations, and GPU EIR Mitigation Measures 4.8-1, 4.8-2, 4.8-3, and 4.8-4, impacts to wetlands and other waters would be reduced to less-than-significant.

The Project Study Area does not support any aquatic resources. Thus, the Project would not have an adverse effect on state or federally protected wetlands and there would be **no new impact**.

| Would the Project:                                                                                                                                                                                                                 | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, General Plan buildout Plan would involve conversion of habitat to developed use that could provide wildlife movement corridors and nursery sites. In addition to direct removal of habitat, buildout of the General Plan would result in habitat modification that could degrade habitat quality to a degree that it is no longer suitable for use as wildlife movement corridors and/or nursery sites. This impact was found to be potentially significant. With implementation of all adopted goals and policies in the existing General Plan, combined with current laws, regulations, and Mitigation Measures 4.8-1, 4.8-2, 4.8-3, and 4.8-4, impacts to wildlife corridors and nursery sites would be reduced to a less-than-significant because these provisions would require projects to identify, avoid, and preserve habitats that function as wildlife migration corridors, including riparian areas and wetlands, or provide compensation for loss of habitat in coordination with state and federal agencies. In addition, proposed GPU policies that require protection of special-status species and their habitats also protect riparian areas, wetlands, and drainages that can be used as wildlife corridors. Finally, implementation of GPU EIR Mitigation Measure 4.8-2 will ensure protection of nesting colonies of purple martin, a CDFW special-status species.

The Project Study Area is located among developed residential and commercial landscapes and an existing road. These uses do not support significant wildlife movement corridors and therefore, the Project would not interfere with wildlife movement. Furthermore, no nursery sites have been documented within the Study Area (CDFW 2022) and none were observed during the site reconnaissance. Thus, Project impacts to migratory wildlife corridors, and/or the use of native wildlife nursery sites is less than significant and there would be **no new impact**.

| Would the Project:                                                                                                                  | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, General Plan buildout would involve conversion of habitat to developed use that will require oak tree removal, which would be subject to the City's ordinances and policies regarding oak tree preservation and mitigation. The City of Roseville Tree Preservation Ordinance requires a permit

and mitigation for removal of oak trees greater than 6 inches in diameter DBH. Therefore, this impact is considered less than significant by the GPU EIR.

As discussed above, the City's Native Oak Tree Ordinance (*Roseville Municipal Code Chapter 19.66 Tree Preservation*) regulates removal of native oaks and construction activities that occur within a native oak's protected zone (defined as the drip line plus 1 foot). The Project is required to comply with Ordinance requirements, and an Arborist Report has been prepared for the Project. According to the Arborist Report, a total of 45 trees are recommended for removal due to proposed road widening improvements, 37 of which are protected trees with a total DBH removal of 446". For the location of trees currently identified for removal, refer to Arborist Report Appendix B: Tree Disposition Map (See IS/MND Appendix A).

According to City Ordinance, trees must be replaced at a ratio of one inch DBH of tree replaced for each one inch DBH of tree removed (1:1 ratio). This may be achieved with on-site or off-site replacement, or payment of in lieu fees. The replacement trees shall have a combined diameter equivalent not less than the total diameter of the tree(s) removed. As indicated in the Project Description, the Project will comply with all applicable Ordinance requirements. Thus, Project impacts would be reduced to less than significant and there would be **no new impact**.

| Would the Project:                                                                                                                                                                   | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

According to the GPU EIR, there is no adopted Habitat Conservation Plan (HCP), Natural Community Conservation Plan, or other approved local, regional, or State HCP that applies to the Planning Area. This impact was found to be less than significant.

As stated above, the City and Project Study Area are not currently covered by any local, regional, or state conservation plan. While the Study Area is within the vicinity of the Placer County Conservation Program (PCCP), the City of Roseville is not a participating entity in the PCCP and the Study Area is excluded from the PCCP development area (PCCP 2020). Therefore, the Project would not conflict with a local, regional, or state conservation plan and there would be **no new impact**.

#### 4.4.9 Mitigation Measures

##### BIO-1: Construct the Project during the Nonbreeding Season or Conduct Pre-Construction Surveys for Nesting Migratory Birds and Raptors

To the extent feasible, the City will remove trees and large shrubs during the nonbreeding season for migratory birds and raptors (generally between September 1 and February 28).

If construction activities (including vegetation removal) cannot be confined to the nonbreeding season, the City will retain a qualified wildlife biologist with knowledge of the relevant species to conduct nesting surveys before the start of construction. The migratory bird and raptor nesting surveys will include a minimum of two separate surveys to look for active migratory bird and raptor nests. Surveys will include a search of all vegetation that provides suitable nesting habitat in the construction area. In addition, a 500-foot area in open space area areas the construction zone will be surveyed for raptors. For survey areas outside the project site, the biologist will walk areas where property access is authorized. For portions of the survey area without property access, the biologist will scan vegetation using binoculars from the project site or from the public road. One survey should be conducted no more than 14 days prior to construction and the second survey should be conducted within 48 hours of the start of construction or vegetation removal. If no active nests are detected during these surveys, no protective measures are required.

If an active nest is found in the survey area, a no-disturbance buffer will be established around the nest site to avoid disturbance or destruction of the nest until the end of the breeding season (August 31) or after a qualified wildlife biologist determines that the young have fledged and moved out of the nesting substrate (this date varies by species). The extent of these buffers will be determined by the biologist and will depend on the level of construction disturbance, line of sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers. Suitable buffer distances may vary between species but will be established a minimum of 50 feet from active construction for passerine species and up to 500 feet for non-listed raptor species. A minimum buffer of 1,000 feet will be established for an active Swainson's hawk nest. If site-specific conditions or the nature of the activity (e.g., steep topography, dense vegetation, or minimal construction activities) indicate that a smaller buffer could be used, the City will coordinate with CDFW to determine the appropriate buffer size.

**BIO-2: Conduct Preconstruction Surveys for Roosting Bats and Implement Protection Measures**

To obtain the highest likelihood of detection, the following preconstruction bat surveys will be conducted within and adjacent to the construction area for each construction season. If the surveys determine that bats are roosting in the construction area, the City will implement the protective measures described below.

**Conduct Preconstruction Tree Surveys**

Prior to tree removal or pruning, qualified biologists will examine trees to be removed or pruned for suitable bat roosting habitat. High-value habitat features (e.g., large tree cavities, basal hollows, loose or peeling bark, and larger snags,) will be identified, and the area around these features will be searched for bats and bat sign (e.g., guano, culled insect parts, and staining). All mature broadleaf trees should be considered potential habitat for solitary foliage-roosting bat species.



If bat sign is detected, biologists will conduct evening visual emergence survey of the source habitat feature, from a half hour before sunset to 1–2 hours after sunset for a minimum of 2 nights during the season that construction would be taking place. Night-vision goggles and/or full-spectrum acoustic detectors will be used during emergence surveys to assist in species identification. All emergence surveys will be conducted during favorable weather conditions (calm nights with temperatures conducive to bat activity and no precipitation predicted). Survey methodology may be supplemented as new research identifies advanced survey techniques and equipment that would aid in bat detections.

### **Identify Protective Measures for Bats Using Trees**

If it is determined that bats are using trees within or adjacent to the construction area as roost sites, the City (or its designated contractor) will coordinate with CDFW to identify protective measures to avoid and minimize impacts on roosting bats based on the type of roost and timing of activities. These measures could include the following measures.

- If feasible, tree removal and pruning of trees containing an active roost will be avoided between April 1 and September 15 (the maternity period) to avoid impacts on reproductively active females and dependent young.
- If a maternity roost is located, whether solitary or colonial, that roost will remain undisturbed until September 15 or until a qualified biologist has determined that the roost is no longer active.
- If avoidance of nonmaternity roost trees is not possible, tree removal or pruning will be monitored by a qualified biologist. Prior to removal or pruning, the tree will be gently shaken, and several minutes should pass before felling trees or pruning limbs to allow bats time to arouse and leave the tree. The tree then will be removed in pieces, rather than felling the entire tree. The biologists will search downed vegetation for dead and injured bats. The presence of dead or injured bats that are species of special concern will be reported to CDFW.

### **Conduct Preconstruction Surveys of Culverts**

Prior to any work to replace, extend, or remove culverts, a qualified biologist will inspect box and pipe culverts for the presence of roosting bats. The biologist will conduct a daytime inspection/survey of box culverts for bat sign or occupancy to determine whether the structure is being used as a roost. The biologist conducting daytime surveys will listen for audible bat calls and will use the naked eye, binoculars, telescoping inspection mirror, and a high-powered spotlight to inspect culverts, and mud nests if present, for bats.

Surfaces and the ground around the culvert will be surveyed for bat sign, such as guano, staining, and prey remains. Pipe culverts will be inspected from the exterior using the methods listed. If no suitable features are found, and no bats or bat sign are present, then a preconstruction survey within 24 hours prior to construction will be conducted. If suitable features are found, and bats or bat sign are present, additional surveys may be conducted to

determine how the culvert is used by bats (i.e., whether it is used as a night roost, maternity roost, migration stopover, or for hibernation).

#### **Implement Protective Measures for Bats Using Culverts**

To avoid disturbance, injury, or mortality of bats utilizing culverts for roosting, the City (or its contractor) will conduct all work on these structures during the day (to the extent possible and where appropriate). If this is not possible, portable lights will be used to illuminate the roosting areas prior to and after sunset to deter bats from roosting during nights when work will occur.

## **4.5 Cultural Resources**

ECORP Consulting, Inc. prepared the *Confidential Cultural Resources Inventory and Report* (ECORP 2022c, Appendix D) for the proposed Project to determine if cultural resources were present in or adjacent to the Project Area and assess the sensitivity of the Project Area for undiscovered or buried cultural resources.

The information provided below is an abridged version of the Cultural Resources Inventory Report and is included here to provide a brief context of the potential cultural resources in the Project Area. Due to the sensitive nature of cultural resources and their records, which are restricted from public distribution by state and federal law, the IS/MND appendices do not include the cultural resources report; however, all pertinent information necessary for impact determinations is included in this section. A redacted version of the cultural resources report that does not include site records or locations may be requested by contacting the City of Roseville.

### **4.5.1 Methods**

#### **4.5.1.1 Personnel Qualifications**

Registered Professional Archaeologist (RPA) Brian S. Marks, Ph.D. who meets the Secretary of the Interior's Professional Qualifications Standards for prehistoric and historical archaeology, was responsible for the cultural resource investigation. Staff Archaeologist Laurel Zickler-Martin, RPA conducted the fieldwork. Staff Archaeologists Megan Webb and Laurel Zickler-Martin prepared the technical report. Lisa Westwood, RPA provided technical report review and quality assurance.

Dr. Marks was the Principal Investigator and has been an archaeologist since 1997. He has been working in cultural resources management in California since 2010 following eight years of archaeological work in the southeast U.S. Dr. Marks holds a Ph.D. and an M.S. in Anthropology.

Laurel Zickler-Martin, RPA is a Staff Archaeologist at ECORP with more than 10 years of experience in cultural resources management in California and the Great Basin, as well as project experience in Washington and Oregon.

Megan Webb is a Staff Archaeologist for ECORP with 8 years of experience in cultural resources management, primarily in California. She holds a B.A. in Anthropology and has participated in all aspects

of archaeological fieldwork, including survey, test excavation, and data recovery, in addition to months of archaeological lab experience.

Lisa Westwood, RPA has 26 years of experience and meets the Secretary of the Interior's Professional Qualifications Standards for prehistoric and historical archaeology. She holds a B.A. in Anthropology and an M.A. in Anthropology (Archaeology). She is the Director of Cultural Resources for ECORP.

#### **4.5.1.2 Records Search Methods**

ECORP requested a records search for the Project area at the North Central Information Center (NCIC) of the California Historic Resources Information System Center (CHRIS) at California State University-Sacramento on June 1, 2022 (NCIC search #PLA-22-59; Appendix 1). The purpose of the records search was to determine the extent of previous surveys within 100 feet of the Project Area surrounding Pleasant Grove Boulevard and a 0.25-mile buffer around proposed staging area, and whether previously documented pre-contact or historic archaeological sites, architectural resources, or traditional cultural properties exist within this area. This narrow records search radius approach was chosen due the Project limits being confined to the right-of-way of Pleasant Grove Boulevard and the fact that the surrounding development around the roadway is modern in age, and those developments would have been subject to environmental review and permitting supported by cultural resources technical studies. Therefore, the expectation is that real data on the presence or absence of cultural resources adjacent to the Project area is available, and that a larger radius to capture data from more distant studies in order to predict sensitivity of the current project area is not necessary. NCIC staff completed and returned the records search to ECORP on June 1, 2022.

In addition to the official records and maps for archaeological sites and surveys in Placer County, the following historic references were also reviewed: Built Environment Resource Directory (BERD; Office of Historic Preservation [OHP] 2020); Historic Property Data File for Placer County (OHP 2012); The National Register Information System (National Park Service [NPS] 2022); Office of Historic Preservation, California Historical Landmarks (CHL; OHP 2022); CHL (OHP 1996 and updates); California Points of Historical Interest (OHP 1992 and updates); Directory of Properties in the Historical Resources Inventory (1999); California Department of Transportation (Caltrans) Local Bridge Survey (Caltrans 2019); Caltrans State Bridge Survey (Caltrans 2018); and *Historic Spots in California* (Kyle 2002).

Other references examined include a RealQuest Property Search and historic General Land Office (GLO) land patent records (Bureau of Land Management [BLM] 2022). Historic maps reviewed include:

- 1855 BLM GLO Plat map for Township 11 North Range 6 East;
- 1891 USGS Sacramento, California topographic quadrangle map (1:125,000 scale);
- 1910 USGS Roseville, California topographic quadrangle map (1:31,680 scale);
- 1953 USGS Roseville, California topographic quadrangle map (1:24,000 scale);
- 1967 USGS Roseville, California topographic quadrangle map (1:24,000 scale);

- 1967 photo revised 1981 USGS Roseville, California topographic quadrangle map (1:24,000 scale); and
- 1992 USGS Roseville, California topographic quadrangle map (1:24,000 scale).

Historic aerial photos taken in 1947, 1957, 1964, 1966, and more recent aerial photos from 1993 to present were also reviewed for any indications of property usage and built environment.

#### **4.5.1.3 Sacred Lands File Coordination Methods**

In addition to the records search, ECORP contacted the California Native American Heritage Commission (NAHC) on June 1, 2022 to request a search of the Sacred Lands File for the Project Area. This search determines whether or not the California Native American tribes within the Project Area have recorded Sacred Lands, because the Sacred Lands File is populated by members of the Native American community with knowledge about the locations of tribal resources. In requesting a search of the Sacred Lands File, ECORP solicited information from the Native American community regarding Tribal Cultural Resources (TCRs), but the responsibility to formally consult with the Native American community lies exclusively with the federal and local agencies under applicable state and federal laws. The lead agencies have not delegated authority to ECORP to conduct tribal consultation.

#### **4.5.1.4 Other Interested Party Consultation Methods**

ECORP mailed letters to the Placer County Historical Society and the Roseville Historical Society on June 1, 2022 to solicit comments or obtain historical information that the repository might have regarding events, people, or resources of historical significance in the area .

#### **4.5.1.5 Field Methods**

ECORP subjected the Project Area to an intensive pedestrian survey on June 9, 2022 under the guidance of the *Secretary of the Interior's Standards for the Identification of Historic Properties* (NPS 1983) using approximately 15-meter transects, when feasible. The shoulders of the right-of-way of Pleasant Grove Boulevard were surveyed and exposed ground within the medians was inspected during the pedestrian survey. The staging area at the eastern end of the Project Area was surveyed using 15-meter transects. ECORP expended 0.5 person-day in the field. At the time, the ground surface was examined for indications of surface or subsurface cultural resources. The general morphological characteristics of the ground surface were inspected for indications of subsurface deposits that may be manifested on the surface, such as circular depressions or ditches. Whenever possible, ECORP examined the locations of subsurface exposures caused by such factors as rodent activity, water or soil erosion, or vegetation disturbances for artifacts or for indications of buried deposits. No subsurface investigations or artifact collections were undertaken during the pedestrian survey.

### **4.5.2 Environmental Setting**

The Project Area is located in the transition zone between the Central Valley and the Sierra Nevada foothills. It is located along a modern existing roadway and is surrounded by suburban residential and

commercial development. The terrain is relatively flat, and elevations range from 120 to 170 feet above mean sea level. Approximately 1,000 feet west of Foothills Boulevard, the south branch of Pleasant Grove Creek passes beneath the Pleasant Grove Boulevard roadway located within the Project Area. The Project Area is located within a mixed-use area of Roseville, amid commercial and high-density residential land uses.

For a discussion of the Project area's prehistoric, ethnographic, and historic setting, refer to GPU EIR Chapter 4.9 Cultural and Tribal Cultural Resources, Section 4.9.2 Environmental Setting.

### 4.5.3 Research Results

#### 4.5.3.1 Previous Research

Twelve previous cultural resource investigations have been conducted in or within the records search radius of the property, covering approximately 80 percent of the total area surrounding the property within the records search radius (*Table 4.5-1*). Of the 12 studies, four were conducted within the Project Area and the other eight were within the 0.5-mile radius.

| <b>Table 4.5-1. Previous Cultural Studies in the Project Area or within the Records Search Radius</b> |                                         |                                                                                                                           |             |                                              |
|-------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------|
| <b>Report Number</b>                                                                                  | <b>Author(s)</b>                        | <b>Report Title</b>                                                                                                       | <b>Year</b> | <b>Includes Portion of the Project Area?</b> |
| 21                                                                                                    | Daniel G. Foster                        | An Archeological Assessment of the Electronic Arrays Project, 73 Acres in Placer County, California                       | 1981        | No                                           |
| 274                                                                                                   | Maniery, James Gary and Mary L. Maniery | Cultural Resources Inventory and Evaluation of Rich, Shenker, and Carlsberg Parcels, Roseville, Placer County, California | 1986        | Yes                                          |
| 367                                                                                                   | Foster, John W. and Daniel G. Foster    | An Archeological Reconnaissance of the Diamond Oaks North Property, Placer County, California                             | 1982        | No                                           |
| 368                                                                                                   | Foster, Daniel G. and John W. Foster    | An Archeological Reconnaissance of the Roseville - Placer County - Rocklin West Sewer Assessment District                 | 1981        | Yes                                          |
| 2807                                                                                                  | Hatoff, B. and A. Wesson                | Roseville Energy Facility Cultural Resources Appendix J of Application for Certification                                  | 2001        | Yes                                          |
| 3858                                                                                                  | Ric Windmiller                          | Cultural Resources Inventory Of The Pleasant Grove Boulevard Overcrossing Roseville, Placer County, California            | 1994        | No                                           |
| 6052                                                                                                  | Peak & Associates, Inc.                 | Cultural Resource Assessment of The Diamond Plaza Development                                                             | 2004        | No                                           |

**Table 4.5-1. Previous Cultural Studies in the Project Area or within the Records Search Radius**

| <b>Report Number</b> | <b>Author(s)</b>       | <b>Report Title</b>                                                                                                                                                                                         | <b>Year</b> | <b>Includes Portion of the Project Area?</b> |
|----------------------|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------|
| 6959                 | ECORP Consulting, Inc. | Cultural Resource Inventory Diamond Plaza Placer County, California Project 2005-039                                                                                                                        | 2006        | No                                           |
| 8619                 | Cindy Arrington et al  | Cultural Resources Final Report of Monitoring and Findings for the Qwest Network Construction Project, State of California                                                                                  | 2006        | Yes                                          |
| 10053                | Angel Tomes            | Roseville Downtown Land Use Plan, Cultural Resource Assessment, Placer County, California                                                                                                                   | 2007        | No                                           |
| 10829                | David R. Cohen         | Cultural Resources Records Search and Site Visit for T-Mobile West Corporation a Delaware Corporation Candidate SC54512-A (Woodcreek Plaza), 7456 Foothills Boulevard, Roseville, Placer County, California | 2011        | No                                           |
| 12765                | Ric Windmiller         | Pleasant Grove Boulevard/Foothill Boulevard Property Cultural Resources Inventory/Evaluation Report Roseville, Placer County, California                                                                    | 2018        | No                                           |

The results of the records search indicate that the majority of the property has been previously surveyed for cultural resources; however, these four previous studies were conducted between 16 and 41 years ago under obsolete standards. Two of the previous surveys occurred in 1981 and 1986, which was prior to the construction of Pleasant Grove Boulevard. The two most recent surveys from 2001 and 2006 did not cover the entire Project Area. The most recent surveys to cover most but not the entire current Project Area were conducted in 1986 and 2001. Therefore, ECORP conducted a pedestrian survey of the Project Area under current protocols. No cultural resources were previously recorded within the Project Area as a result of the previous studies.

The records search also determined that six previously recorded pre-contact and historic-era cultural resources are located within 0.5 mile of the Project Area (*Table 4.5-2*). Of these, four are believed to be associated with Native American occupation of the vicinity, and two are historic-era sites associated with the railroad and a trash scatter. There are no previously recorded cultural resources within the Project Area. There are two pre-contact isolates recorded in 1986 along the South Branch Pleasant Grove Creek. This waterway passes under an existing bridge within the Project Area.

**Table 4.5-2. Previously Recorded Cultural Resources within the Records Search Radius**

| <b>Site Number<br/>CA-PLA-</b> | <b>Primary Number<br/>P-31-</b> | <b>Recorder and Year</b>                                           | <b>Age/<br/>Period</b> | <b>Site Description</b>         | <b>Within Project Area?</b>  |
|--------------------------------|---------------------------------|--------------------------------------------------------------------|------------------------|---------------------------------|------------------------------|
| -                              | 26                              | J. Maniery, T. Ekness-Hoyle, Public Anthropological Research, 1986 | Pre-contact            | Isolate – Mano fragment         | No                           |
| -                              | 27                              | J. Maniery, T. Ekness-Hoyle, Public Anthropological Research, 1986 | Pre-contact            | Isolate – Mano fragment         | No                           |
| -                              | 41                              | J. Maniery, T. Ekness-Hoyle, Public Anthropological Research, 1986 | Pre-contact            | Isolate – Pestle fragment       | No; adjacent to Project Area |
| -                              | 42                              | J. Maniery, T. Ekness-Hoyle, Public Anthropological Research, 1986 | Pre-contact            | Isolate – Metate fragment       | No; adjacent to Project Area |
| 690H                           | 816                             | Patti Johnson, 1990 and updates                                    | Historic               | Union Pacific Railroad          | No                           |
| 1128H                          | 1462                            | Ric Windmiller Consulting Archaeologist, 1994                      | Historic               | Artifact deposit along railroad | No                           |

#### **4.5.3.2 Records**

The OHP's BERD for Placer County (dated March 3, 2020) did not include any resources within the Project Area (OHP 2020). There are numerous properties included on the list in the City of Roseville; however, the Project has no potential to impact these properties.

The National Register Information System (NPS 2022) failed to reveal any eligible or listed properties within the Project Area. The nearest National Register property, the Carnegie Library, is 1.7 miles southeast of the Project Area in downtown Roseville.

ECORP reviewed resources listed as CHL (OHP 1996) by the OHP (2022) on June 16, 2022. The nearest listed landmark is #780-1: First transcontinental railroad, Roseville (plaque located 2 miles southeast of the Project Area).

A review of *Historic Spots in California* (Kyle 2002) mentions CHL #780-1 as well, which commemorates the day that the first transcontinental railroad reached the town of Junction, now called Roseville.

The Caltrans Bridge Local and State Inventories (Caltrans 2018, 2019) did not list any historic-period bridges in or within 0.5 mile of the Project Area. However, one modern bridge, Bridge No. 19C0214, is present within the Project Area. Local bridge 19C0214 carries Pleasant Grove Boulevard over the South Branch Pleasant Grove Creek, 0.8 mile east of Woodcreek Oaks Boulevard Road. The bridge has a

continuous concrete span with a culvert span design. It was constructed in 1991 and was evaluated by Caltrans as a Category 5 bridge, not eligible for the National Register of Historic Places under Criterion C.

Historic GLO land patent records from the BLM's patent information database (BLM 2022) revealed that because the Project Area is linear and crosses two sections, the land has been patented several times (Table 4.5-3). A 160-acre plot was granted in 1861 to Benjamin Franklin Leet and Rudolph Wurttenberger and another 160 acres to Lucius Anson Booth and William Fulton, which both encompassed portions of the Project Area. No additional information was found on these individuals. The federal government granted public land to the railroads, which the railroad could then sell to finance railroad construction. The Project Area land was part of almost 45,000 acres and 18,800 acres in California granted to the Central Pacific Railroad, which later became part of the Southern Pacific Railroad, and the State of California. Portions of the Project Area were patented in 1861 and 1866.

| <b>Table 4.5-3. GLO Land Patent Records</b>      |                    |                      |                                                              |                                                                          |
|--------------------------------------------------|--------------------|----------------------|--------------------------------------------------------------|--------------------------------------------------------------------------|
| <b>Patentee</b>                                  | <b>Patent Date</b> | <b>Serial Number</b> | <b>Patent Type/Authority</b>                                 | <b>Location</b>                                                          |
| Benjamin Franklin Leet and Rudolph Wurttenberger | 10/1/1861          | CACAAA 043056        | March 3, 1855: Scrip Warrant Act of 1855 (10 Stat. 701)      | 160 acres; SE ¼ of Sec 29 of T11N R6E                                    |
| Central Pacific Railroad                         | 1/4/1866           | CACAAA 039763        | July 1, 1862: Grant-RR Union and Central (12 Stat. 489)      | 45,430 acres including the W ½ of Sec 29 of T11N R6E                     |
| State of California                              | 4/17/1866          | CACAAA 000562        | September 4, 1841: Grant-Certain Land to State (5 Stat. 453) | 18,748.35 acres including the SE ¼ and N ½ of SW ¼ of Sec 28 of T11N R6E |
| Lucius Anson Booth and William Fulton            | 10/25/1861         | CACAAA 043061        | March 17, 1842: Scrip or Nature of Scrip (5 Stat. 607)       | 160 acres; S ½ SW ¼ of Sec 29 and N ½ NW ¼ of Sec 33 of T11N R6E         |

The *Handbook of North American Indians* (Wilson and Towne 1978) lists the nearest Native American villages as *Pichiku*, located approximately 3 miles southeast of Roseville.

#### **4.5.3.3 Map Review and Aerial Photographs**

The review of historical aerial photographs and maps of the Project Area provide information on the past land uses of the property and potential for buried archaeological sites. This information shows the property was initially used for open land prior to modern development of land located northeast of historic downtown Roseville. Following is a summary of the review of historical maps and photographs.



- The 1855 BLM GLO Plat map for Township 11 North Range 6 East shows the South Branch Pleasant Grove Creek meandering through Sections 28 and 29. No development is depicted within the Project Area.
- The 1891 USGS Sacramento, California (1:125,000 scale) map depicts the town of Roseville and the Southern Pacific Railroad southeast of the Project Area. The Project Area is undeveloped with a branch of Pleasant Grove Creek meandering through a small portion of the Project Area.
- The 1910 USGS Roseville, California (1:31,680 scale) map depicts the Project Area land as undeveloped and located northwest of the town of Roseville. A branch of Pleasant Grove Creek and an unimproved road, which does not correspond with any modern road alignment, are depicted as passing through the linear Project Area. No other development is depicted within the Project Area. Kaseberg Creek is depicted south of the western end of the Project Area.
- Aerial photographs taken in 1947 show the Project Area, and land north of Roseville, as undeveloped oak woodland and grasslands. The Southern Pacific Railroad is at the eastern end of the Project Area. The unimproved road depicted on the 1910 topographic map is visible on the 1947 aerial and appears to be a two-track dirt road. A branch of Pleasant Grove Creek passes through the Project Area. Kaseberg Creek is located south of the western end of the Project Area with no riparian vegetation visible.
- The 1953 USGS Roseville, California (7.5-minute) map depicts the Project Area as undeveloped land with a branch of Pleasant Grove Creek intersecting the Project Area. The unimproved road continues to be depicted.
- No changes or development within the Project Area are visible on aerial photographs from 1947, 1957, and 1966.
- Aerial photographs taken in 1984 reveal a north/south road, today's Foothills Boulevard, present in the eastern end of the Project Area. Pleasant Grove Boulevard had yet to be constructed in 1984.
- The 1992 USGS Roseville, California (7.5-minute) map depicts Pleasant Grove Boulevard.
- Aerial photographs from 1993 show Pleasant Grove Boulevard within the Project Area and modern development beginning to surround the road. Bridge No 19C0214 is visible on the 1993 aerials over Pleasant Grove Creek. The 1998 aerial reveals that modern development has impacted the two-track dirt road depicted on earlier maps and aerials and is no longer present. By the 2005 aerials, the Project Area exists as it is today, a developed roadway surrounded by residential commercial development.

In sum, the property was undeveloped and vacant since at least 1855, and by 1993 Pleasant Grove Boulevard was constructed within the Project Area. Modern development surrounds the roadway today.

#### **4.5.3.4 Sacred Lands File Results**

The results of the NAHC search of the Sacred Lands File are still pending.

#### **4.5.3.5 Other Interested Party Consultation Results**

ECORP has not received any responses to the letters sent to the Placer County Historical Society and the Roseville Historical Society as of the date of the preparation of this document.

#### **4.5.3.6 Field Survey Results**

An ECORP archaeologist surveyed the Project Area for cultural resources on June 9, 2022. The entire Project Area is either paved over, built out, or contains landscaping (*Figures 4.5-1 and 4.5-2*). Alongside and within the road alignment for Pleasant Grove Boulevard, any safely accessible exposed ground was examined for evidence of pre-contact or historic-period cultural material, or cultural soils. Visibility was generally very poor (10 to 50 percent) as the alignment and right-of-way were paved or heavily landscaped. The same was true of the median, which also contained compact gravel fill in addition to landscaping and trees (*Figures 4.5-3 and 4.5-4*). No cultural resources were identified as a result of the pedestrian survey of Pleasant Grove Boulevard. Pleasant Grove Boulevard makes up the entire Project Area and was constructed in the 1990s; therefore, it is considered modern because it is less than 50 years old.



**Figure 4.5-1. Overview from western end of Project Area, 700 feet west of Woodcreek Oaks Boulevard (view east-southeast; June 9, 2022).**



**Figure 4.5-2. Paved, mulched, and landscaped median in Pleasant Grove Boulevard (view southwest; June 9, 2022).**



**Figure 4.5-3. Overview: area of increased visibility in Pleasant Grove Boulevard median, south of Woodcreek Oaks Preserve (view east-northeast; June 9, 2022).**



**Figure 4.5-4. Overview: northern Project Area boundary at Foothills Boulevard (view southeast, June 9, 2022).**

**Staging Area at Assessor's Parcel Number 017-410-043-000**

The staging area at the eastern end of the Project Area had been disturbed in the early 1990s for the construction of the Pleasant Grove Boulevard overpass over the Southern Pacific Railroad (outside of the Project Area) and was overgrown with invasive vegetation see (Figures 5.5-5 and 4.5-6). Visibility was less than 10 percent. Two modern, user-created dirt roads are present crossing the staging parcel; these areas of exposed soil were closely examined for any evidence of pre-contact or historic-period cultural material, or cultural soils. No cultural resources were identified as a result of the pedestrian survey of the proposed staging area.



**Figure 4.5-5. Overview: staging area at eastern end of Project Area; Pleasant Grove Boulevard overpass, background left (view west-southwest, June 9, 2022).**



**Figure 4.5-6. Overview: dense invasive vegetation in staging area (view northeast, June 9, 2022).**

#### 4.5.4 Cultural Resources (V) Environmental Checklist and Discussion

| Would the Project:                                                                                       | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|----------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Cause a substantial adverse change in the significance of a historical resource pursuant to §15064.5? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

##### No New Impact

According to the GPU EIR, it is possible that development planned as a part of General Plan buildout could adversely affect historical resources through modification of existing buildings and structures through demolition, deconstruction, relocation, or alteration, or adversely impact the setting through new land uses. However, the existing and proposed General Plan, the 2009 Downtown Specific Plan, and Chapter 19.61 of the City of Roseville's Zoning Ordinance contain goals and policies which would ensure that potential historical resources are assessed for their significance in advance of future development. Implementation of these goals and policies would reduce impacts, but if historical resources are substantially adversely affected by future development, the impact would be significant and unavoidable.

The cultural resources inventory investigation, which included a records search and field survey, did not identify any cultural resources within the Project Area. Therefore, the proposed Project would not affect any Historic Properties under Section 106 of the National Historic Preservation Act or Historical Resources under CEQA, and thus there would be **no new impact**.



**Would the Project:**

- b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?

New  
Significant  
Impact☐Substantially  
More Severe  
Significant  
Impact☐Less than  
Significant  
Impact with  
Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

According to the GPU EIR, individual development and infrastructure projects within the Planning Area would involve grading, excavation or other ground-disturbing activities which could disturb or damage unique archaeological resources. Even with implementation of City adopted Post-Review Discovery Procedures contained within Volume II Part C of the City's Internal Guidance for Management of Tribal Cultural Resources and Consultation (or those determined to be equally as effective by the City), this impact was found to be potentially significant and unavoidable.

As discussed above under question a), the cultural resources inventory investigation did not identify any archaeological resources within the Project Area. Therefore, it is expected the Project would not affect any known archaeological resources.

While impacts to known archaeological resources would not occur, the potential exists for buried pre-contact archaeological sites within alluvium along perennial waterways, including the South Branch Pleasant Grove Creek located beneath Pleasant Grove Boulevard and within the Project Area. A modern bridge carries the roadway over South Branch Pleasant Grove Creek today. The bridge was constructed in the 1990s, which may have impacted any buried deposits at this location. Prior to modern development, two pre-contact isolates were previously recorded in 1981 along South Branch Pleasant Grove Creek and south of the Project Area. Thus, there is a moderate potential for encountering intact buried deposits within 200-feet of where the Project Area intersects with the South Branch Pleasant Grove Creek and a low potential for the remaining Project Area. Project-related work within 200 feet of the bridge involves the removal of an existing median. This work and related ground disturbance is not expected to exceed the existing depth of disturbance from the construction of Pleasant Grove Boulevard. Nevertheless, there remains the potential for Project related ground-disturbing activities to expose previously unrecorded cultural resources which is considered a potentially significant impact.

According to the GPU EIR, with implementation of City adopted Post-Review Discovery Procedures contained within Volume II Part C of the City's Internal Guidance for Management of Tribal Cultural Resources and Consultation, this impact would be reduced to less than significant. Thus, there would be **no new impact**.

| <b>Would the Project:</b>                                                               | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-----------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| c) Disturb any human remains, including those interred outside of dedicated cemeteries? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

**No New Impact**

According to the GPU EIR, the general project vicinity is known to have been heavily used by Native American groups prehistorically; in addition, Roseville was settled by European immigrants by the mid-19th century. While some burial ground locations (generally from the historic-era) are known, there is the possibility that ground disturbing activities in the Planning Area could encounter prehistoric, historic-era, or other human remains. This impact was found to be significant and unavoidable.

Based on the records search conducted for the Project, no known burial sites are located within the Project area; however, there remains the potential that ground-disturbing activities could expose previously unknown human remains. Should that occur, as discussed under response b) above, City adopted Post-Review Discovery Procedures contained within Volume II Part C of the City's Internal Guidance for Management of Tribal Cultural Resources and Consultation would be implemented. With implementation of City adopted Post-Review Discovery Procedures, this impact would be reduced to less than significant and **no new impact** would occur.

**4.5.5 Mitigation Measures**

No new impact was identified and thus no additional mitigation is required.

**4.6 Energy****4.6.1 Environmental Setting**

Energy relates directly to environmental quality. Energy use can adversely affect air quality and other natural resources. The vast majority of California's air pollution is caused by burning fossil fuels. Consumption of fossil fuels is linked to changes in global climate and depletion of stratospheric ozone. Transportation energy use is related to the fuel efficiency of cars, trucks, and public transportation; choice of different travel modes (auto, carpool, and public transit); vehicle speeds; and miles traveled by these modes. Construction and routine operation and maintenance of transportation infrastructure also consume energy. In addition, residential, commercial, and industrial land uses consume energy, typically through the usage of natural gas and electricity. For the purposes of this analysis, the amount of fuel necessary for Project construction and operations is compared to that consumed in Placer County.

**4.6.1.1 Energy Types and Sources**

California relies on a regional power system comprised of a diverse mix of natural gas, renewable, hydroelectric, and nuclear generation resources. Natural gas provides California with a majority of its electricity followed by renewables, large hydroelectric and nuclear (California Energy Commission [CEC]

2021a). Roseville Electric has been providing electrical power to the City of Roseville's residents, businesses, and the City's street lighting system since 1912. In 1956, the City signed a contract for 69 megawatts of electric power from the Central Valley Project, which consists of a system of dams, reservoirs and power plants within central and northern California and marketed by the Western Area Power Administration (Western). Steady population growth created a need to obtain resources beyond this allocation of Federal power. Pacific Gas & Electric Company (PG&E) provides natural gas to Roseville. PG&E provides natural gas and electricity to most of the northern two-thirds of California, from Bakersfield and Barstow to near the Oregon, Nevada and Arizona State Line.

Placer County, which encompasses the Project Site, contains 22 power plants generating electricity, of which 13 are hydro-powered, four are solar-powered, three are biomass-fire, and two are geothermal (CEC 2021b).

#### **4.6.1.2 Energy Consumption**

Electricity use is measured in Kilowatt-Hours (kWh), and natural gas use is measured in therms. Vehicle fuel use is typically measured in gallons (e.g., gallons of gasoline or diesel fuel), although energy use for electric vehicles is measured in kWh. As previously stated, this impact analysis focuses on the two sources of energy that are relevant to the proposed Project: the equipment-fuel necessary for Project construction and the automotive fuel necessary for Project operations

Automotive fuel consumption in Placer County from 2017 to 2021 is shown in *Table 4.6-1*. As shown, fuel consumption has decreased slightly between 2017 and 2021.

| <b>Table 4.6-1. Automotive Fuel Consumption in Placer County 2016-2021</b> |                               |
|----------------------------------------------------------------------------|-------------------------------|
| <b>Year</b>                                                                | <b>Total Fuel Consumption</b> |
| 2021                                                                       | 191,500,244                   |
| 2020                                                                       | 171,205,990                   |
| 2019                                                                       | 196,735,287                   |
| 2018                                                                       | 196,319,909                   |
| 2017                                                                       | 195,374,227                   |

Source: CARB 2021



#### 4.6.2 Energy (VI) Environmental Checklist and Discussion

**Except as provided in Public Resources Code Section 21099, would the Project:**

- a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

| New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

The GPU EIR concludes that buildout of the General Plan would require energy in the forms of fossil fuels, natural gas, and electricity. A large body of existing regulations would have the effect of reducing energy demand and would reduce potential adverse environmental effects associated with energy demand. The General Plan also includes many policies that promote additional energy conservation and savings and that would reduce peak demand and associated environmental effects. Thus, impacts due to wasteful, inefficient, or unnecessary consumption of energy resources, during either project construction or operation were found to be less than significant.

In the analysis below, the amount of total construction-related fuel and post-construction operations fuel used was estimated using ratios provided in the Climate Registry's General Reporting Protocol for the Voluntary Reporting Program, Version 2.1.

The proposed Project improvements are intended to address existing and future traffic deficiencies and improve circulation consistent with the City's Transportation System 2035 CIP. The consumption of electricity and natural gas is not a factor in this analysis. The two sources of energy associated with the Project includes the equipment fuel necessary for construction and the automotive fuel use during Project operations.

Project increases in construction fuel consumption are compared with the countywide fuel consumption in 2021, the most recent full year of data. As identified in *Table 4.6-1*, 191,500,244 gallons of fuel was consumed in Placer County in 2021 (CARB 2021).

| <b>Table 4.6-2. Proposed Project Construction Fuel Consumption</b> |                                  |                                           |
|--------------------------------------------------------------------|----------------------------------|-------------------------------------------|
| <b>Energy Type</b>                                                 | <b>Annual Energy Consumption</b> | <b>Percentage Increase<br/>Countywide</b> |
| <i>Construction Equipment &amp; Automotive Fuel Consumption</i>    |                                  |                                           |
| Project Construction                                               | 85,419 gallons                   | 0.044 percent                             |

Source: Climate Registry 2016

Notes: The Project increases in off-road (construction) fuel consumption are compared with the countywide fuel consumption in 2021, the most recent full year of data.

Fuel necessary for Project construction would be required for the operation and maintenance of construction equipment and the transportation of materials to the Project Site. The fuel expenditure necessary to construct the improvements to Pleasant Grove Boulevard would be temporary, lasting only as long as Project construction. As indicated in *Table 4.6-2*, the Project's gasoline fuel consumption during the one-time construction period is estimated to be 85,419 gallons. This would increase the annual countywide gasoline fuel use in the County by 0.044 percent. As such, Project construction would have a nominal effect on local and regional energy supplies. No unusual Project characteristics would necessitate the use of construction equipment that would be less energy efficient than at comparable construction sites in the region or the state. Construction contractors would purchase their own gasoline and diesel fuel from local suppliers and would judiciously use fuel supplies to minimize costs due to waste and subsequently maximize profits. Additionally, construction equipment fleet turnover and increasingly stringent state and federal regulations on engine efficiency combined with state regulations limiting engine idling times and requiring recycling of construction debris, would further reduce the amount of transportation fuel demand during Project construction. For these reasons, it is expected that construction fuel consumption associated with the Project would not be any more inefficient, wasteful, or unnecessary than other similar development projects of this nature.

According to the Traffic Study prepared for the Project (Fehr & Peers 2022), the proposed Project itself would not generate automobile trips; but would instead increase the capacity in order to improve traffic operations. This would affect traffic patterns in the City. Therefore, potential impacts of the Project associated with fuel consumption during the post-construction operations is evaluated based upon AM and PM peak hour vehicle idling times as provided by Fehr & Peers (2022). The difference between fuel consumption generated under existing conditions and those generated under the Project are identified in *Table 4.6-3*.

| <b>Table 4.6-3. Proposed Project Post-Construction Operations Fuel Consumption</b> |                                           |
|------------------------------------------------------------------------------------|-------------------------------------------|
| <b>Energy Type</b>                                                                 | <b>Annual Energy Consumption - Idling</b> |
| <i>Post-Construction Operations Automotive Fuel Consumption</i>                    |                                           |
| Existing Conditions                                                                | 2,497 gallons                             |
| Project Conditions                                                                 | 2,191 gallons                             |
| Difference                                                                         | -306 gallons                              |

Source: Climate Registry 2016

Notes: The Project increases in off-road (construction) fuel consumption are compared with the countywide fuel consumption in 2021, the most recent full year of data.

As shown, implementation of the proposed Project would result in the reduction of 306 gallons of gasoline annually. This reduction in gasoline consumption is attributable to the reduction in automobile idling that is projected to occur with Project implementation. Therefore, the Project would result in a beneficial impact and fuel consumption associated with post-construction operations would not be inefficient, wasteful, or unnecessary. As such, **no new impact** would occur.

**Except as provided in Public Resources Code Section 21099, would the Project:**

- b) Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

New  
Significant  
Impact☐Substantially  
More Severe  
Significant  
Impact☐Less than  
Significant  
Impact with  
Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

The GPU EIR concludes that buildout of the proposed GPU would not conflict with or obstruct a State or local plan for increasing renewable energy or energy efficiency. Policies and implementation measures in the proposed GPU include actions to increase the use and implementation of renewable energy resources and related impacts are less than significant.

As demonstrated, implementation of the proposed Project would result in the reduction of 306 gallons of gasoline annually. Therefore, the Project would directly support statewide goals of reducing the use of nonrenewable sources of energy. Therefore, the Project would directly support state and local plans for renewable energy development. **No new impact** would occur.

**4.6.3 Mitigation Measures**

No new impacts were identified, and no mitigation measures are required.

**4.7 Geology and Soils****4.7.1 Environmental Setting****4.7.1.1 Geomorphic Setting**

The City's Planning Area is located along the eastern margin of the Sacramento Valley and the western margin of the Sierra Nevada foothills. The Sacramento Valley, along with the San Joaquin Valley, comprise the Great Valley geomorphic province. The Great Valley is composed of thousands of feet of sedimentary deposits that have undergone periods of subsidence and uplift over millions of years. During the Jurassic (approximately 206 million years Before Present [BP]) and Cretaceous (approximately 144 million years BP) periods of the Mesozoic era, the Great Valley existed in the form of an ancient ocean. By the end of the Mesozoic era, the northern portion of the Great Valley began to fill with sediment as tectonic forces caused uplift of the basin. Geologic evidence suggests that the Sacramento Valley and San Joaquin Valley gradually separated into two separate water bodies as uplift and sedimentation continued. By the time of the Miocene epoch (approximately 24 million years BP), sediments deposited in the Sacramento Valley were mostly of terrestrial origin. In contrast, the San Joaquin Valley continued to be inundated with water for another 20 million years, as indicated by marine sediments dated to the late Pliocene epoch (approximately 5 million years BP). Most of the surface of the Great Valley is covered with Holocene (i.e., 11,700 years BP to present day) and Pleistocene (i.e., 2.6 million–11,700 years BP) alluvium. This alluvium is composed of sediments from the Sierra Nevada to the east and the Coast Range to the west that were carried by water and deposited on the valley floor.

The Sierra Nevada geomorphic province trends north-northwest from Bakersfield to Lassen Peak and includes the Sierra Nevada mountain range and a broad belt of western foothills. The Sierra Nevada block is composed of northwest-trending belts of metamorphic, volcanic, and igneous rocks that have undergone intense deformation, faulting, and intrusion. Active faults that mark the eastern edge of the Sierra Nevada have resulted in upthrusting and tilting of the entire Sierra Nevada block in the last 5 million years—steeply on the eastern edge (adjacent to the Mono Basin), and gently along the western edge (adjacent to the Great Valley). The gently rolling Sierra Nevada foothills are comprised of metamorphosed sedimentary rocks that have been intruded by igneous rocks. The rock formations that make up the western edge of the Sierra Nevada block likely originally formed as a volcanic arc that was later accreted (added) to the western margin of the continent during the Jurassic period.

### **Regional Seismicity and Fault Zones**

Earthquakes can be measured in several ways. Earthquakes create certain types of waves with different velocities, which can be recorded on instruments called seismometers. The Richter Scale measures earthquake magnitude by plotting the amplitude (length and width) of the seismic waves, taking into consideration the distance from the seismometer. The scale is logarithmic so that a recording of magnitude 7, for example, indicates a disturbance with ground motion 10 times as large as a recording of magnitude 6. The Moment Magnitude scale is used by geologists to measure the magnitude of an earthquake based on the physical size of the fault rupture and slip displacement, as well as the amount of energy released. The Modified Mercalli scale is used by the public as a subjective measure of earthquake intensity; it does not have a mathematical basis. It was developed as a way of relating the intensity of ground shaking at any particular location to the physical effects that people experience. This scale is composed of 12 increasing levels of intensity that range from imperceptible shaking (Scale I) to catastrophic destruction (Scale XII).

### **Classifying and Identifying Faults**

Geologists have determined that the greatest potential for surface fault rupture and strong seismic ground shaking is from active faults, that is, faults with evidence of activity during the Holocene epoch (the last 11,700 years). Faults classified as “potentially active” (where there is evidence that movement has occurred during the last 1.6 million years), have a lower potential for surface fault rupture and strong seismic ground shaking. Pre-Quaternary faults have exhibited evidence of movement more than 1.6 million years BP, and therefore are not considered active. Pre-Quaternary faults are generally not considered to represent a surface fault rupture or strong seismic ground shaking hazard (unless those faults are influenced by human-caused activity such as construction of a large water-storage reservoir directly over a fault zone).

Roseville is located within an area with relatively low seismic activity. As discussed in the General Plan Final EIR, there are no known fault traces within or adjacent to the City’s Planning Area. The nearest active fault is a portion of the Dunnigan Hills Fault, approximately 30 miles to the west. Other active faults are located south of Lake Oroville, at Lake Tahoe, and in the Coast Ranges, approximately 45–60 miles away.

The Foothills Fault System is approximately 12 miles east of the City. This fault system includes a number of different faults, including the Bear Mountains Fault Zone. The northern portion of the Bear Mountains Fault Zone and the Maidu Fault (east of Folsom Lake), along with the northern portion of the Deadman Fault (north of Folsom Lake), have exhibited evidence of movement in the last 700,000 to 1.6 million years BP (Jennings and Bryant 2010). Therefore, these faults are considered potentially active. There are several pre-Quaternary faults within 10 miles of the Planning Area (City of Roseville 2010; Jennings and Bryant 2010), which are not considered to be active:

- Willows Fault Zone, which diagonally transects the Sacramento Valley from northwest to southeast, from Red Bluff to south Sacramento.
- Volcano Hill Fault, located in Granite Bay and extending northwesterly from Volcano Hill for approximately 1 mile, terminating near Eureka Road.
- Linda Creek Fault, along a segment of Linda Creek from Roseville to Sacramento County, east of the City Planning Area.
- An unnamed fault extending east-west between Folsom Lake and the City of Rocklin. Segments of this fault are concealed and are therefore unmapped. However, this unnamed fault could connect to the Bear Mountains Fault Zone, branches of which are located beneath the eastern edge of Folsom Lake.

Potential seismic hazards resulting from an earthquake consist of surface fault rupture, ground shaking, liquefaction, and landslides. The potential for each of these hazards to occur within the City Planning Area is evaluated in the GPU EIR and summarized below.

### **Surface Fault Rupture**

Surface rupture is the actual cracking or breaking of the ground surface along a fault during an earthquake. Structures built over an active fault can be torn apart if the ground ruptures. However, surface ground rupture along a fault generally is limited to a linear zone that is only a few yards wide. The Alquist-Priolo Earthquake Fault Zoning Act (Alquist-Priolo Act) was created to help reduce the loss of life and property from an earthquake by prohibiting the construction of structures designed for human occupancy across the traces of active faults. The City Planning Area is not located within or adjacent to an Alquist-Priolo Earthquake Fault Zone (California Geological Survey [CGS] 2017). The nearest fault zoned under the Alquist-Priolo Act is a portion of the Dunnigan Hills Fault, approximately 30 miles to the west.

### **Seismic Ground Shaking**

Ground shaking - motion that occurs as a result of energy released during faulting - could potentially result in the damage or collapse of buildings and other structures, depending on the magnitude of the earthquake, the location of the epicenter, and the character and duration of the ground motion. Other important factors to be considered are the characteristics of the underlying soil and rock and, where structures exist, the building materials used and the workmanship of the structures.

Ground motions from seismic activity can be estimated using a computer model. The CGS Probabilistic Seismic Hazards Assessment Model (CGS 2008.) indicates that a minimum peak horizontal acceleration ranging from 0.14 to 0.16 g (where g is the percentage of gravity) could be expected. This means there is a 1-in-10 probability that an earthquake will occur within 50 years that would result in a peak horizontal ground acceleration exceeding 0.14 to 0.16 g in the City's Planning Area. This calculation indicates that a low level of seismic ground shaking could occur at the Project site.

### **Liquefaction**

Soil liquefaction occurs when ground shaking from an earthquake causes a sediment layer saturated with groundwater to lose strength and become fluid, similar to quicksand. The liquefaction potential depends on the type of soil, the level and duration of seismic ground motions, and the depth to groundwater. The locations that are most susceptible to liquefaction-induced damage have loose, water-saturated, granular sediment that is within 40 feet of the ground surface. Liquefaction poses a hazard to engineered structures, such as buildings, bridges, and underground utility pipelines, because the loss of soil strength can result in bearing capacity insufficient to support foundation loads and increased lateral pressure on retaining walls. Groundwater elevations vary from 90 to 140 feet BGS throughout most of the City's Planning Area (California Department of Water Resources [DWR] 2019). Groundwater in the downtown area and inner neighborhoods (southwest of SR 65 and northwest of I-80) ranges from 50 to 90 feet BGS (DWR. 2019.). Furthermore, the Planning Area is composed of well consolidated to very hard, older Pleistocene- to Eocene-age deposits, and active seismic sources are at least 30 miles away. Therefore, it is unlikely that the Planning Area would be subject to liquefaction in the event of a large magnitude earthquake.

### **Landslides**

Landslide susceptibility is based on various combinations of factors such as rainfall, rock and soil types, slope, vegetation, seismic conditions, and human construction activities. Generally, landslides are expected to occur most often on slopes steeper than 15 percent, in areas with a history of landslides, and in areas underlain by geologic units that are weakly cemented.

The City Planning Area slopes upwards to the east, as part of the transition from the Sacramento Valley floor to the Sierra Nevada foothills. The northwestern edge of the Planning Area is at an elevation of approximately 70 feet Above Mean Sea Level (amsl), while the eastern portion of the Planning Area is approximately 230 feet amsl. The southeastern portion of the Planning Area, near Secret Ravine, is on a ridgeline that is approximately 400 feet amsl. Most of the new development in the Planning Area is planned for the nearly flat portion of the Sacramento Valley floor in the western and northwestern portions of the Planning Area, north of Baseline Road. The eastern and northeastern portions of the Planning Area, which are within the Sierra Nevada foothills, contain some areas where slopes exceed 15 percent. However, the Planning Area does not have a history of landslides, is composed of stable geologic units that are moderately to very strongly cemented, and active seismic sources are at least 30 miles away. Therefore, it is unlikely that landslides would pose a hazard in the Planning Area.

## **Seismic Seiches**

Earthquakes may affect open bodies of water by creating seismic sea waves and seiches. Seismic sea waves (often called *tidal waves*) are caused by abrupt ground movements (usually vertical) on the ocean floor in connection with a major earthquake. Because of the Planning Area's long distance from the Pacific Ocean, seismic sea waves do not represent a hazard. A seiche is a sloshing of water in an enclosed or restricted water body, such as a basin, river, or lake, which is caused by earthquake motion; the sloshing can occur for a few minutes or several hours. There are no large water bodies in the City's Planning Area where seiches would represent a hazard. Folsom Lake is approximately 3.25 miles east of the Planning Area, and as described above, the seismic hazards in the Sacramento Valley are very low, and therefore the risk of a seismic seiche that would overtop Folsom Lake and result in downstream flooding in the Planning Area is also considered very low.

### **4.7.1.2 Soils**

Soil properties influence the development of building sites, including the engineering design, construction techniques, and site maintenance. The NRCS soil database provides an indication of the limitations of soils for dwellings without basements, small commercial buildings, and local roads and streets. The rating system indicates the extent to which the soils are limited by the soil features that affect building site development. NRCS soil limitations are based on the soil properties that affect the capacity of the soil to support a load without movement, and on the properties that affect excavation and construction costs. The properties that affect the load-supporting capacity consist of depth to a water table, ponding, flooding, subsidence, linear extensibility (shrink-swell potential), and compressibility. The properties that affect the ease and amount of excavation consist of flooding, depth to a water table, ponding, slope, depth to bedrock or a cemented pan, hardness of bedrock or a cemented pan, and the amount and size of rock fragments.

All of the soils in the City Planning Area have some limitations with respect to dwellings, small commercial buildings, and local roads and streets. In general, these limitations are related to a shallow depth to bedrock, low soil bearing strength, and a moderate to high shrink-swell potential. Construction in the Mehrten Formation presents particularly difficult challenges during the excavation process due to its extreme hardness. Excavator-mounted rock hammers are required to break up larger areas for construction, while specialized trenching equipment equipped with saw blades can be used to cut foundation and utility trenches for smaller projects.

Most soils can be categorized into hydrologic soil groups (which apply only to surface soil layers) based on runoff-producing characteristics. Hydrologic soil groups are factored into calculations of erosion and stormwater runoff potential when drainage plans are prepared for new development. Soils are assigned to groups A, B, C, or D. Group D soils have a very slow water infiltration rate and therefore have a very high stormwater runoff potential. Most of the Planning Area soils are assigned to Hydrologic Group D (NRCS 2019). Water erosion hazards are particularly high in areas of steeper slopes along streambeds.

Expansive soils are composed largely of clays, which greatly increase in volume when saturated with water and shrink when dried. Because of this shrink-swell effect, structural foundations may rise during the rainy

season and fall during the dry season. If this expansive movement varies beneath different parts of a structure, the foundation may crack and portions of the structure may become distorted. Retaining walls and underground utilities may be damaged for the same reasons. Some of the soils in the City Planning Area are rated as moderately to highly expansive (NRCS 2019); these soils are located primarily along streambeds. According to the GPU EIR, proper foundation design and soil treatment can generally eliminate the problems caused by expansive soils.

#### 4.7.1.3 Paleontological Resources

According to the GPU EIR, the Modesto, Riverbank, Turlock Lake, Mehrten, and Lone Formations all outcrop at the surface in various locations within the City Planning Area. Pleistocene-age sediments of the Modesto, Riverbank, and Turlock Lake Formations have yielded thousands of vertebrate fossils at localities throughout the Central Valley. The Project site is considered potentially sensitive for paleontological resources because it is located within the Riverbank and Turlock Lake Formations.

Because of site sensitivity, consistent with GPU EIR mitigation Measure 4.7-4, ECORP prepared a paleontological assessment memorandum for the Pleasant Grove Boulevard Widening Project (ECORP 2022d, Appendix E) to further evaluate Project area sensitivity for undiscovered paleontological resources. See Appendix E for the memorandum which provides records search database results, and more information on the probability of finding fossil specimens.

#### 4.7.2 Geology and Soils (VII) Environmental Checklist and Discussion

| Would the Project: |                                                                                                                                                                                                                                                                                     | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a)                 | Directly or indirectly cause substantial adverse effects, including the risk of loss, injury, or death involving:                                                                                                                                                                   | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input type="checkbox"/>            |
| i)                 | Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42. | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |
| ii)                | Strong seismic ground shaking?                                                                                                                                                                                                                                                      | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |
| iii)               | Seismic-related ground failure, including liquefaction?                                                                                                                                                                                                                             | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |
| iv)                | Landslides?                                                                                                                                                                                                                                                                         | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |



### No New Impact

- i) Surface Fault Rupture— According to the GPU EIR, there are no fault traces either within or immediately adjacent to the Planning Area. Thus, surface fault rupture would not pose a hazard for the Planning Area, and related impacts were found to be less than significant in the General Plan FEIR. Thus, the proposed Project would result in **no new impact** and no mitigation is required.
- ii) Strong seismic ground shaking – According to the GPU EIR, development occurring through buildout of the General Plan and utilities and public facilities required to serve such development could subject people and structures to hazards associated with seismic ground shaking. However, implementation of General Plan policies and compliance with relevant laws and ordinances would reduce the potential for loss or damage from seismic hazards within the Planning Area to a less than significant level. Consistent with City policy, road widening improvement plans would be reviewed by City engineers to ensure that structures are consistent with standard engineering practices and requirements which are specifically designed to prevent the significant structural damage during seismic ground shaking. Thus, the proposed Project would result in **no new impact** and no mitigation is required.
- iii) Seismic-related ground failure, including liquefaction – According to the GPU EIR, the depth to groundwater in the Planning Area ranges from 50 to 140 feet BGS; the Planning Area is underlain by stable, moderately cemented to very well cemented, older Pleistocene–Eocene age rock formations; and active seismic sources are at least 30 miles away. Therefore, liquefaction would not pose a hazard for the Planning Area and related impacts were found to be less than significant in the GPU EIR. Thus, the proposed Project would result in **no new impact** and no mitigation is required.
- iv) Landslides – According to the GPU EIR, most land use change during General Plan buildout would occur in the nearly flat portions of the Sacramento Valley floor in the western and northwestern portions of the Planning Area. The eastern and northeastern portions of the Planning Area, which are within the Sierra Nevada foothills, have areas where slopes exceed 15 percent. However, the Planning Area does not have a history of landslides, is composed of stable geologic units that are moderately to very strongly cemented, and active seismic sources are at least 30 miles away. Therefore, landslides would not pose a hazard in the Planning Area, and this impact is was found to be less than significant in the GPU EIR. Thus, the proposed Project would result in **no new impact** and no mitigation is required.

| Would the Project: |                                                            | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|--------------------|------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| b)                 | Result in substantial soil erosion or the loss of topsoil? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, General Plan buildout, and utilities and public facilities required to serve such development, would result in substantial grading, excavation, and movement of earth associated with site preparation activities. These activities would increase the potential for soil erosion from wind and water, and the potential for siltation of local drainages. However, the GPU EIR finds, with implementation of General Plan policies, combined with relevant laws and ordinances, the potential for soil erosion would be reduced to less than significant. In addition to adhering to all applicable General Plan policies, the Project also includes the following BMPs, which further serve to address potential soil erosion (for the full text of proposed BMPs, refer to Project Description Section 2.6.2 Construction Best Management Practices): BMP 2: SWPPP; BMP 3: Equipment Contaminants; BMP 4: Debris/Demolition; BMP 5: Erosion Control; and BMP 6: Toxic Materials Control and Spill Response Plan. Thus, the proposed Project would result in **no new impact** and no mitigation is required.

| Would the Project: |                                                                                                                                                                                                                                   | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| c)                 | Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the Project, and potentially result in onsite or offsite landslide, lateral spreading, subsidence, liquefaction or collapse? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, General Plan buildout and utilities and public facilities required to serve such development would result in substantial grading, excavation, and movement of earth associated with site preparation activities. These activities would increase the potential for soil erosion from wind and water, and the potential for siltation of local drainages. However as discussed in the GPU EIR, implementation of General Plan policies, combined with relevant laws and ordinances, would reduce the potential for soil erosion to less than significant. Thus, the proposed Project would result in **no new impact** and no mitigation is required.

**Would the Project:**

- d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?

New  
Significant  
Impact☐Substantially  
More Severe  
Significant  
Impact☐Less than  
Significant  
Impact with  
Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

According to the GPU EIR, development occurring as a part of General Plan buildout would result in the construction of buildings and infrastructure in areas of unstable soils and soils with a moderate to high shrink-swell potential. However, implementation of General Plan policies, combined with relevant laws and ordinances, would reduce the potential for hazards from unstable and expansive soils to less than significant. Thus, the proposed Project would result in **no new impact** and no mitigation is required.

**Would the Project:**

- e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

New  
Significant  
Impact☐Substantially  
More Severe  
Significant  
Impact☐Less than  
Significant  
Impact with  
Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

The GPU EIR concludes that all new and infill development in the Planning Area is required to install utility connections for wastewater treatment at the Pleasant Grove or Dry Creek Wastewater Treatment Plants (depending on the location of the development). Therefore, alternative wastewater treatment systems (i.e., septic systems) would not be used within the City limits, and this impact is not addressed in the GPU EIR.

As a road widening project, the proposed Project does not include septic or other alternative wastewater disposal systems. Thus, there would be **no new impact**.

**Would the Project:**

- f) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

New  
Significant  
Impact☐Substantially  
More Severe  
Significant  
Impact☐Less than  
Significant  
Impact with  
Additional  
Mitigation☒No  
New  
Impact☐**Less than Significant Impact with Additional Mitigation**

The GPU EIR concludes that the Planning Area contains paleontologically sensitive rock formations, and therefore construction activities associated with new and/or infill development under buildout of the

General Plan and public infrastructure required to serve such development could result in accidental damage to, or destruction of, unknown subsurface paleontological resources. With implementation of GPU EIR Mitigation Measure 4.7-4, this impact was found to be less than significant with mitigation incorporated.

GPU EIR Mitigation Measure 4.7-4 requires that when there is potential for a significant impact to paleontological resources, the following shall be implemented:

1. Consult the Paleontological Sensitivity Map.
2. For projects located in geologic units that are not identified as paleontologically sensitive and which do not involve ground disturbance to a depth greater than 5 feet below the ground surface, no further actions related to paleontological resources shall be required.
3. For projects that would be located in paleontologically sensitive geologic units, or those that would be located in non-paleontologically sensitive surficial units but would involve ground disturbance to a depth greater than 5 feet, provide a site-specific analysis of the project's potential to damage or destroy unique paleontological resources, and measures designed to protect unique paleontological resources, as needed and appropriate. Such measures may include, but are not limited to, construction worker personnel training, periodic monitoring during construction activities, stopping work within 50 feet of any fossil that is discovered, evaluation of the fossil by a qualified paleontologist, and proper recordation and curation of the specimen.

Because the Project is located within a sensitive paleontological geologic unit, ECORP Consulting, Inc. completed a thorough investigation of the potential to directly impact paleontological resources during Project construction (See Paleontological Assessment, Appendix E). This investigation included a paleontological record search through the University of California Museum of Paleontology (UCMP) database, the Paleobiology Database, and a desktop study of the geology and paleontology of the Project Area.

According to the Paleontological Assessment, the Project site is located along the eastern margin of the Sacramento Valley and western margin of the Sierra Nevada foothills. Along with the San Joaquin Valley to the south (collectively referred to as the Great Valley geomorphic province), thousands of feet of sedimentary deposits have collected in the Valley over geologic history. Today, much of the surface of the Great Valley is covered with Holocene (11,700 years ago to present) and Pleistocene (2.6 million years ago to 11,700 years ago) alluvium composed of sediments transported by water from the Sierra Nevada to the east and Coast Range to the west (AECOM 2020).

The surficial geology of the Project site is composed of Pleistocene nonmarine sediments belonging to the Turlock Lake Formation (Qtl) (Wagner et al. 1981; *Figure 4.7-1*). Although there are overlying geologic units that are also of high sensitivity, these units (i.e., Riverbank and Modesto formations) may not be present in the Project Area. Furthermore, because the Project Area is highly disturbed from previous construction of the road alignment, future construction may only reach depths within disturbed soils. In

case of depths exceeding disturbed soils at the surface, the four commonly found geologic units in the area are briefly discussed below from youngest to oldest (AECOM 2011).

#### **4.7.2.1 Holocene Alluvium (Qha) (11,700 Years BP to Present)**

Holocene alluvium consists of sand, gravel, and silt, generally containing only the remains of extant or modern taxa; low paleontological sensitivity.

#### **4.7.2.2 Modesto Formation (Qm2, Qm1) (12,000 to 26,000 Years BP and 29,000 to 42,000 Years BP, Respectively)**

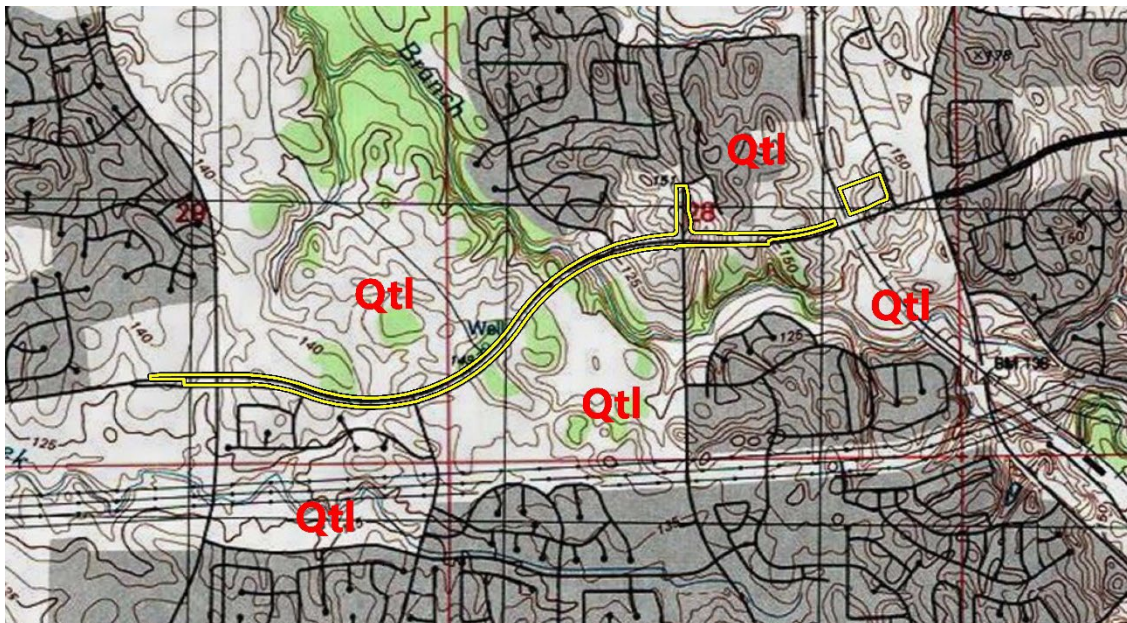
The Modesto Formation consists of late Pleistocene tan to light gray gravelly sand, silt, and clay forming alluvial terraces and fans; high paleontological sensitivity.

#### **4.7.2.3 Riverbank Formation (Qr3, Qr2, Qr1) (130,000 to 450,000 Years BP)**

The Riverbank Formation consists of Pleistocene reddish gravel, sand, and silt derived from ancient rivers, contains more mafic rock fragments than found in the San Joaquin Valley, and therefore can be easily distinguished from the Modesto Formation; high paleontological sensitivity.

#### **4.7.2.4 Turlock Lake Formation (Qtl) (450,000 to 600,000 Years BP)**

The Turlock Lake Formation consists of Pleistocene fine sand, silt, gravel, and clays eroded from alluvial fans derived from the plutonic rocks of the Sierra Nevada; high paleontological sensitivity.



**Figure 4.7-1. Geologic map showing Project alignment (yellow) and geologic unit (Qtl = Turlock Lake Formation) found at the Project site (USGS 1992).**

A paleontological record search was conducted by AECOM (2019) through the UCMP. Although no fossils have been documented from the Project site, there have been fossils discovered from the same geologic units as those found at the Project site. In addition to the record search results, ECORP conducted an online record search on the UCMP database and published and unpublished literature. The UCMP database has a record of a single molar fragment from *Mammut americanum* (UCMP 1574) found nearby in the City of Rocklin. There are also numerous sites throughout the Great Valley where Ice Age fauna have been recovered from the Modesto, Riverbank, and Turlock Lake formations. *Table 4.7-1* lists a few of these localities.

| <b>Table 4.7-1. Closest Known Fossil Localities</b> |                  |                                                                                                                                                                                                                |                                                   |
|-----------------------------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <b>Location</b>                                     | <b>Formation</b> | <b>Taxa</b>                                                                                                                                                                                                    | <b>Reference</b>                                  |
| Tranquility site, Fresno County                     | Modesto          | Fish, turtles, snakes, birds, moles, gophers, mice, wood rats, voles, jack rabbits, coyotes, red fox, grey fox, badgers, horse, camel, pronghorn antelope, elk, deer, bison                                    | AECOM, 2020                                       |
| Sacramento area                                     | Riverbank        | Mammoth, bison, camel, coyote, horse, Harlan's ground sloth, antelope, deer, rabbit, woodrat, fish, mole, mice, squirrel, snake, gopher, dire wolf, frog, Pacific pond turtle, duck, geese, swan               | AECOM, 2020                                       |
| Fairmead Landfill, Madera County                    | Turlock Lake     | > 15,000 fossils from over 35 species including mammoth, ground sloth, giant short-faced bear, saber tooth cat, wolf, deer, camel, horse, antelope, rodents, birds, reptiles, fish, and prehistoric vegetation | AECOM, 2020<br>Kottachchi et al. 2008, 2009, 2011 |
| SR 180 West Freeway, Fresno County                  | Turlock Lake     | Camel, horse, mammoth                                                                                                                                                                                          | AECOM, 2020                                       |
| Roseville                                           | Turlock Lake     | Fish, plant fragments, petrified wood, ichnofossils                                                                                                                                                            | AECOM, 2011                                       |

Given the paleontological sensitivity of the Turlock Lake formation which occurs on the Project site, the potential to destroy a unique paleontological resource during Project grading and/or excavation is considered potentially significant. The majority of road construction excavations would not exceed 4 to 5 feet below ground surface; therefore, no monitoring would be required at these locations. Also, given that the Project site is in a well-developed area, a pedestrian survey is not recommended. However, given the paleontological sensitivity of the Turlock Lake formation, spot-checking is recommended for certain construction activities exceeding 9 feet below ground surface as outlined in Mitigation Measure GEO-1 (which was developed consistent with GPU EIR Mitigation Measure 4.7-4). With implementation of Mitigation Measure GEO-1, this impact would be reduced to **less than significant with additional mitigation** incorporated.

### **4.7.3 Mitigation Measures**

#### **GEO-1: Conduct Paleontological Monitoring**

"Spot-check" monitoring by a qualified paleontologist shall be conducted where the depth of Project excavation exceeds 9 feet. This may occur during relocation of signal poles (up to 11 feet deep) and/or storm drain facilities (up to 9 feet deep). If Pleistocene alluvial deposits are visible at these depths, full-time monitoring shall be required for the remainder of excavations at these locations. If no Pleistocene alluvial deposits are visible at these depths, spot-checking may halt.

Should paleontological resources be found during excavation, the paleontologist shall have the authority to divert heavy machinery away from the find(s) until the scientific value of the fossil(s) can be assessed. If of scientific significance, all pertinent field data shall be collected, and the fossil(s) salvaged. The fossil(s) shall be transported to a laboratory facility for cleaning and preparation prior to being transported and deposited in an accredited repository, such as the UCMP Berkeley, where they can be curated and made available for scientific study.

## **4.8 Greenhouse Gas Emissions**

### **4.8.1 Environmental Setting**

Greenhouse Gas (GHG) emissions are released as byproducts of fossil fuel combustion, waste disposal, energy use, land use changes, and other human activities. This release of gases, such as carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), and chlorofluorocarbons, creates a blanket around the earth that allows light to pass through but traps heat at the surface, preventing its escape into space. While this is a naturally occurring process known as the greenhouse effect, human activities have accelerated the generation of GHGs beyond natural levels. The overabundance of GHGs in the atmosphere has led to an unexpected warming of the earth and has the potential to severely impact the earth's climate system.

Each GHG differs in its ability to absorb heat in the atmosphere based on the lifetime, or persistence, of the gas molecule in the atmosphere. CH<sub>4</sub> traps more than 25 times more heat per molecule than CO<sub>2</sub>, and N<sub>2</sub>O absorbs 298 times more heat per molecule than CO<sub>2</sub>. Often, estimates of GHG emissions are presented in carbon dioxide equivalents (CO<sub>2</sub>e). Expressing GHG emissions in carbon dioxide equivalents takes the contribution of all GHG emissions to the greenhouse effect and converts them to a single unit equivalent to the effect that would occur if only CO<sub>2</sub> were being emitted.

The CEQA Guidelines Appendix G thresholds for GHG emissions do not prescribe specific methodologies for performing an assessment, do not establish specific thresholds of significance, and do not mandate specific mitigation measures. Rather, the CEQA Guidelines emphasize the lead agency's discretion to determine the appropriate methodologies and thresholds of significance consistent with the manner in which other impact areas are handled in CEQA. With respect to GHG emissions, the CEQA Guidelines Section 15064.4(a) states that lead agencies "shall make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions resulting from a project.

The CEQA Guidelines note that an agency has the discretion to either quantify a project's GHG emissions or rely on a "qualitative analysis or other performance-based standards." (14 California Code of Regulations [CCR] 15064.4(b)). A lead agency may use a "model or methodology" to estimate GHG emissions and has the discretion to select the model or methodology it considers "most appropriate to enable decision makers to intelligently consider the project's incremental contribution to climate change." (14 CCR 15064.4(c)). Section 15064.4(b) provides that the lead agency should consider the following when determining the significance of impacts from GHG emissions on the environment:

1. The extent a project may increase or reduce GHG emissions as compared to the existing environmental setting.
2. Whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project.
3. The extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4(b)).

In addition, Section 15064.7(c) of the CEQA Guidelines specifies that "[w]hen adopting or using thresholds of significance, a lead agency may consider thresholds of significance previously adopted or recommended by other public agencies, or recommended by experts, provided the decision of the lead agency to adopt such thresholds is supported by substantial evidence" (14 CCR 15064.7(c)). The CEQA Guidelines also clarify that the effects of GHG emissions are cumulative and should be analyzed in the context of CEQA's requirements for cumulative impact analysis (see CEQA Guidelines Section 15130). As a note, the CEQA Guidelines were amended in response to Senate Bill 97. In particular, the CEQA Guidelines were amended to specify that compliance with a GHG emissions reduction plan renders a cumulative impact insignificant.

Per CEQA Guidelines Section 15064(h)(3), a project's incremental contribution to a cumulative impact can be found not cumulatively considerable if the project would comply with an approved plan or mitigation program that provides specific requirements that would avoid or substantially lessen the cumulative problem within the geographic area of the project. To qualify, such plans or programs must be specified in law or adopted by the public agency with jurisdiction over the affected resources through a public review process to implement, interpret, or make specific the law enforced or administered by the public agency. Examples of such programs include a "water quality control plan, air quality attainment or maintenance plan, integrated waste management plan, habitat conservation plan, natural community conservation plans [and] plans or regulations for the reduction of greenhouse gas emissions." Put another way, CEQA Guidelines Section 15064(h)(3) allows a lead agency to make a finding of less than significant for GHG emissions if a project complies with adopted programs, plans, policies and/or other regulatory strategies to reduce GHG emissions.

In *Center for Biological Diversity v. Department of Fish and Wildlife* (2015) 62 Cal. 4th 2014, 213, 221, 227, following its review of various potential GHG thresholds proposed in an academic study [Crockett, *Addressing the Significance of Greenhouse Gas Emissions: California's Search for Regulatory Certainty in an Uncertain World* (July 2011), 4 Golden Gate U. Envtl. L. J. 203], the California Supreme Court identified the



use of numeric bright-line thresholds as a potential pathway for compliance with CEQA GHG requirements. The study found numeric bright line thresholds designed to determine when small projects were so small as to not cause a cumulatively considerable impact on global climate change was consistent with CEQA. Specifically, Public Resources Code section 21003(f) provides it is a policy of the state that "[a]ll persons and public agencies involved in the environmental review process be responsible for carrying out the process in the most efficient, expeditious manner in order to conserve the available financial, governmental, physical and social resources with the objective that those resources may be better applied toward the mitigation of actual significant effects on the environment." The Supreme Court-reviewed study noted, "[s]ubjecting the smallest projects to the full panoply of CEQA requirements, even though the public benefit would be minimal, would not be consistent with implementing the statute in the most efficient, expeditious manner. Nor would it be consistent with applying lead agencies' scarce resources toward mitigating actual significant climate change impacts." (Crockett, *Addressing the Significance of Greenhouse Gas Emissions: California's Search for Regulatory Certainty in an Uncertain World* (July 2011), 4 Golden Gate U. Envtl. L. J. 203, 221, 227.)

The significance of the Project's GHG emissions is evaluated consistent with CEQA Guidelines Section 15064.4(b)(2) by considering whether the Project complies with applicable plans, policies, regulations, and requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions. On October 13, 2016, the PCAPCD adopted the bright-line numeric threshold of 1,100 metric tons of CO<sub>2</sub>e per year for operations of land use projects and 10,000 metric tons of CO<sub>2</sub>e per year for construction. For the purpose of this evaluation, the Project is compared to the PCAPCD construction-related and operational thresholds.

#### 4.8.2 Greenhouse Gas Emissions (VIII) Environmental Checklist and Discussion

| <b>Except as provided in Public Resources Code Section 21099, would the Project:</b> |                                                                                                                          | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a)                                                                                   | Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

The GPU EIR concludes that buildout of the General Plan would involve land use change and construction and operation of public facilities and infrastructure that would result in construction and operational GHG emissions. Even with implementation of various General Plan goals and policies, Plan Area buildout could still result in the generation of GHG emissions at a level that may have a significant impact on the environment and conflict with State GHG emission targets adopted for the purpose of reducing the GHG emissions. Therefore, General Plan buildout GHG emissions were found to be cumulatively considerable and potentially significant and unavoidable.

The Project's GHG impacts were assessed in accordance with methodologies recommended by the PCAPCD. Project construction GHG emissions were modeled using RCEM, version 9.0.0. The proposed

Project improvements are intended to address existing and future traffic deficiencies and improve circulation consistent with the City's Transportation System 2035 CIP. According to the Traffic Study prepared for the Project (Fehr & Peers 2022), the proposed Project itself would not generate automobile trips; but would instead increase the capacity in order to improve traffic operations. This would affect traffic patterns in the City. Therefore, potential impacts of the Project from mobile-source GHG emissions during the post-construction operations is evaluated based upon AM and PM peak hour vehicle idling times as provided by Fehr & Peers (2022). GHG emissions generated from automobile idling in the Project Limits are estimated with the use of EMFAC 2021.

Projected operational emissions associated with proposed post-construction operations are compared to the existing baseline, which includes the current operations accommodated by the segment of Pleasant Grove Boulevard beginning 1,500 feet east of Foothills Boulevard to 700 feet west of Woodcreek Oaks Boulevard. This segment encompasses the following facilities:

- Pleasant Grove Boulevard/Woodcreek Oaks Boulevard intersection (currently 43 – 35 seconds of delay per vehicle)
- Pleasant Grove Boulevard/Birkdale Drive-Retreat Way intersection (currently 79 – 268 seconds of delay per vehicle)
- Pleasant Grove Boulevard/Country Club Drive intersection (currently 10 – 20 seconds of delay per vehicle)
- Pleasant Grove Boulevard/Laporte Drive-Hemingway Drive intersection (currently 204 – >300 seconds of delay per vehicle)
- Pleasant Grove Boulevard/Misty Wood Drive intersection (currently 37 - 278 seconds of delay per vehicle)
- Pleasant Grove Boulevard/Foothills Boulevard intersection (currently 44 – 58 seconds of delay per vehicle)

In addition to identifying GHG emissions associated with the overall post-construction operations, emissions generated by the expected seconds of delay (automobile idling) at each intersection are identified individually.

#### **4.8.2.1    *Project Construction Generated GHG Emissions***

Construction-related activities that would generate GHG emissions include on- and off-road equipment traffic. *Table 4.8-1* illustrates the specific construction generated GHG emissions that would result from construction of the Project. Once construction is complete, the generation of these GHG emissions would cease.

**Table 4.8-1. Construction-Related Greenhouse Gas Emissions**

| <b>Description</b>                                     | <b>CO<sub>2</sub>e Emissions<br/>(Metric Tons/Year)</b> |
|--------------------------------------------------------|---------------------------------------------------------|
| Grubbing/Land Clearing                                 | 102                                                     |
| Grading/Excavation                                     | 230                                                     |
| Drainage/Utilities/Subgrade & Paving                   | 535                                                     |
| <b>Total Combined Emissions</b>                        | <b>867</b>                                              |
| <i>PCAPCD Potentially Significant Impact Threshold</i> | 10,000 metric tons annually                             |
| <b>Exceed PCAPCD Threshold?</b>                        | No                                                      |

Source: RCEM version 9.0.0. Refer to Appendix B-2 for Model Data Outputs.

Notes: Emission calculations account for the import/export of 1,000 cubic yards of soil and asphalt material daily during the grading/excavation phase and the import/export of 2,000 cubic yards of soil and asphalt material daily during the drainage/utilities/subgrade and paving phase.

As shown in *Table 4.8-1*, Project construction would result in the generation of approximately 867 metric tons of CO<sub>2</sub>e over the course of construction, which is below the PCAPCD significance threshold. Once construction is complete, the generation of these GHG emissions would cease.

#### **4.8.2.2 Operational Generated GHG Emissions**

The proposed Project improvements are intended to address existing and future traffic deficiencies and improve circulation consistent with the City's Transportation System 2035 CIP. According to the Traffic Study prepared for the Project (Fehr & Peers 2022), the proposed Project itself would not generate automobile trips; but would instead increase the capacity in order to improve traffic operations. This would affect traffic patterns in the City. Therefore, potential impacts of the Project from mobile-source GHG emissions during the post-construction operations is evaluated based upon AM and PM peak hour vehicle idling times as provided by Fehr & Peers (2022). GHG emissions generated from automobile idling in the Project Limits are estimated with the use of EMFAC 2021.

Projected operational emissions associated with proposed post-construction operations are compared to current operations accommodated by the segment of Pleasant Grove Boulevard beginning 1,500 feet east of Foothills Boulevard to 700 feet west of Woodcreek Oaks Boulevard. Long-term operational GHG emissions are identified in *Table 4.8-2*. In addition to identifying GHG emissions associated with the overall post-construction operations, GHG emissions generated by the expected seconds of delay (automobile idling) at each of the following intersection are identified individually:

- Pleasant Grove Boulevard/Woodcreek Oaks Boulevard,
- Pleasant Grove Boulevard/Birkdale Drive-Retreat Way,
- Pleasant Grove Boulevard/Country Club Drive,
- Pleasant Grove Boulevard/Laporte Drive-Hemingway Drive,

- Pleasant Grove Boulevard/Misty Wood Drive, and
- Pleasant Grove Boulevard/Foothills Boulevard).

To isolate the effects of the Project without any induced travel demand, the proposed Project turning traffic volumes used in this analysis are representative of the existing volumes applied to the proposed Project geometry. The difference between GHG emissions generated under existing conditions and those generated under the Project are identified in *Table 4.8-3* and compared to the operational significance thresholds promulgated by the PCAPCD.

| <b>Table 4.8-2. Operational GHG Emissions for AM &amp; PM Peak Periods (Metric Tons Annually)</b> |                    |                                |                                  |
|---------------------------------------------------------------------------------------------------|--------------------|--------------------------------|----------------------------------|
| <b>Time</b>                                                                                       | <b>Trip Volume</b> | <b>Delay per Vehicle (sec)</b> | <b>CO<sub>2</sub>e Emissions</b> |
| <b>Existing Conditions (2022)</b>                                                                 |                    |                                |                                  |
| Pleasant Grove Boulevard/Woodcreek Oaks Boulevard Intersection                                    | 8,306              | AM Peak: 43<br>PM Peak: 35     | 7.1                              |
| Pleasant Grove Boulevard/Birkdale Drive-Retreat Way Intersection                                  | 5,516              | AM Peak: 2<br>PM Peak: 2       | 0.2                              |
| Pleasant Grove Boulevard/Country Club Drive Intersection                                          | 6,036              | AM Peak: 10<br>PM Peak: 20     | 0.7                              |
| Pleasant Grove Boulevard/Laporte Drive-Hemingway Drive Intersection                               | 6,025              | AM Peak: 2<br>PM Peak: 10      | 0.9                              |
| Pleasant Grove Boulevard/Misty Wood Drive Intersection                                            | 6,166              | AM Peak: 1<br>PM Peak: 4       | 0.4                              |
| Pleasant Grove Boulevard/Foothills Boulevard Intersection                                         | 11,075             | AM Peak: 44<br>PM Peak: 58     | 12.7                             |
| <b>Existing Conditions Total</b>                                                                  |                    |                                | 22.0                             |
| <b>Proposed Project Conditions</b>                                                                |                    |                                |                                  |
| Pleasant Grove Boulevard/Woodcreek Oaks Boulevard Intersection                                    | 8,346              | AM Peak: 37<br>PM Peak: 32     | 6.4                              |
| Pleasant Grove Boulevard/Birkdale Drive-Retreat Way Intersection                                  | 5,556              | AM Peak: 0<br>PM Peak: 0       | 0.0                              |
| Pleasant Grove Boulevard/Country Club Drive Intersection                                          | 6,100              | AM Peak: 8<br>PM Peak: 9       | 1.2                              |
| Pleasant Grove Boulevard/Laporte Drive-Hemingway Drive Intersection                               | 6,117              | AM Peak: 1<br>PM Peak: 1       | 0.1                              |
| Pleasant Grove Boulevard/Misty Wood Drive Intersection                                            | 6,212              | AM Peak: 1<br>PM Peak: 1       | 0.1                              |
| Pleasant Grove Boulevard/Foothills Boulevard Intersection                                         | 11,265             | AM Peak: 43<br>PM Peak: 48     | 11.5                             |
| <b>Proposed Project Conditions Total:</b>                                                         |                    |                                | 19.3                             |

Source: EMFAC2021. Refer to Attachment B for Model Data Outputs.

As shown in *Table 4.8-2*, under the proposed Project, the segment of Pleasant Grove Boulevard beginning 1,500 feet east of Foothills Boulevard to 700 feet west of Woodcreek Oaks Boulevard and associated Project intersections would generate 19 metric tons of CO<sub>2</sub>e annually, as a result of idling automobiles during the combined AM and PM peak hours. This is a reduction of 2.7 metric tons annually compared with existing conditions. Thus, the Project would result in a decrease of annual GHG emissions compared with existing conditions. Project emissions would not exceed the PCAPCD numeric GHG threshold.

In order to present a more concise comparison of idling GHG emissions during existing conditions and proposed Project post-construction operations, *Table 4.8-3* omits emissions generated at each individual Project intersection.

| <b>Table 4.8-3. Operational-Related GHG Emissions Summary</b> |                                                     |
|---------------------------------------------------------------|-----------------------------------------------------|
| <b>Activity</b>                                               | <b>CO<sub>2</sub>e<br/>(maximum pounds per day)</b> |
| <b>Existing Conditions (2022)</b>                             |                                                     |
| Idling Emissions under Existing Conditions                    | 22.0                                                |
| <b>Proposed Project Conditions</b>                            |                                                     |
| Idling Emissions Under Proposed Project                       | 19.3                                                |
| <i>PCAPCD Potentially Significant Impact Threshold</i>        | 1,100 metric tons annually                          |
| <b>Exceed PCAPCD Threshold?</b>                               | No                                                  |

Source: EMFAC2021. Refer to Appendix B-2 for Model Data Outputs.

As shown in *Table 4.8-3*, the Proposed Project would result in less emissions than existing conditions. Therefore, the Project would result in **no new impact**.

**Except as provided in Public Resources Code Section 21099, would the Project:**

- b) Conflict with an applicable plan, policy or regulation adopted for the purpose of reducing the emissions of greenhouse gases?

| New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

**No New Impact**

The GPU EIR concludes that buildout of the General Plan would involve land use change and construction and operation of public facilities and infrastructure that would result in construction and operational GHG emissions. Even with implementation of various General Plan goals and policies, Plan Area buildout could still result in the generation of GHG emissions at a level that may have a significant impact on the environment and conflict with State GHG emission targets adopted for the purpose of reducing the GHG emissions. Therefore, General Plan buildout GHG emissions were found to be cumulatively considerable and potentially significant and unavoidable.

The City does not currently have an adopted comprehensive plan for the purpose of reducing GHG emissions. However, as previously described, the State of California promulgates several mandates and goals to reduce statewide GHG emissions, including the goal to reduce statewide GHG emissions to 40 percent below 1990 levels by the year 2030 (Senate Bill [SB] 32). As previously shown, the proposed Project would result in less emissions than existing conditions. Thus, the Project is consistent with statewide GHG-reducing goals and **no new impact** would occur.

#### **4.8.3 Mitigation Measures**

No new impacts were identified, and no mitigation measures are required.

### **4.9 Hazards and Hazardous Materials**

#### **4.9.1 Environmental Setting**

A material is considered hazardous if it appears on a list of hazardous materials prepared by a federal, state, or local agency, or if it has characteristics defined as hazardous by such an agency. A hazardous material is defined by the California Health and Safety Code, Section 25501 as follows:

"Hazardous material" means any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or to the environment if released into the workplace or the environment. "Hazardous materials" include, but are not limited to, hazardous substances, hazardous waste, and any material that a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment.

A hazardous material is defined in 22 CCR Section 662601.10 as follows:

A substance or combination of substances which, because of its quantity, concentration, or physical, chemical or infectious characteristics, may either (1) cause, or significantly contribute to, an increase in mortality or an increase in serious irreversible, or incapacitating reversible, illness; or (2) pose a substantial present or potential hazard to human health or environment when improperly treated, stored, transported or disposed of or otherwise managed.

Transporters of hazardous waste in California are subject to several federal and state regulations. They must register with the California Department of Health Services (DHS) and ensure that vehicle and waste container operators have been trained in the proper handling of hazardous waste. Vehicles used for the transportation of hazardous waste must pass an annual inspection by the California Highway Patrol (CHP). Transporters must allow the CHP or DHS to inspect its vehicles and must make certain required inspection records available to both agencies. The transport of hazardous materials that are not wastes is regulated by the U.S. Department of Transportation through national safety standards.

Other risks resulting from hazardous materials include the use of these materials in local industry, businesses, and agricultural production. The owner or operator of any business or entity that handles a hazardous material above threshold quantities is required by state and federal laws to submit a business plan to the local Certified Unified Program Agency (CUPA). The Placer County Division of Environmental

Health is designated by the State Secretary for Environmental Protection as the CUPA for Placer County in order to focus the management of specific environmental programs at the local government level. The CUPA program is designed to consolidate, coordinate, and uniformly and consistently administer permits and conduct inspection and enforcement activities throughout Placer County. This approach strives to reduce overlapping and sometimes conflicting requirements of different governmental agencies independently managing these programs. It is not uncommon for other agencies, such as federal and state Occupational Safety and Health Administrations, to become involved when issues of hazardous materials arise.

Under Government Code Section 65962.5, both the California Department of Toxic Substances Control (DTSC) and the State Water Resources Control Board (SWRCB) are required to maintain lists of sites known to have hazardous substances present in the environment. Both agencies maintain up-to-date lists on their websites. The Project site is not listed by the DTSC as a hazardous substances site on the list of hazardous waste sites compiled pursuant to Government Code § 65962.5 (Cortese List).

#### 4.9.2 Hazards and Hazardous Materials (IX) Environmental Checklist and Discussion

| Would the Project:                                                                                                                      | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

According to the GPU EIR, future buildout population growth would result in an increase in the routine transport, use, and/or disposal of hazardous materials, which could result in greater exposure of the public to such materials and exposure of increasing numbers of people through either routine use or accidental release. However, implementation of General Plan policies, in combination with existing federal and state regulations, would reduce the potential impacts related to the routine transportation of hazardous materials to less than significant.

Project construction and operation could involve small quantities of commonly used hazardous materials, such as fuels, lubricants, and oils, to operate construction equipment and motor vehicles. However, no hazardous materials would be disposed of on the project site. As discussed in the project description, the Project would implement the following BMPs during construction: BMP 2: SWPPP; BMP 3: Equipment Contaminants; and BMP 6: Toxic Materials Control and Spill Response Plan (see Project Description Section 2.6.2 Construction Best Management Practices for the full text of proposed BMPs).

Implementation of proposed BMPs and compliance with adopted General Plan policies, in combination with existing federal and state regulations, would ensure preparation and implementation of a stormwater pollution prevention plan (SWPPP). The SWPPP would ensure hazardous material management practices would be implemented to reduce exposure to, or potential for, accidental spills involving hazardous materials. A toxic materials control and spill response plan, which includes the preparation of a hazardous

material spill prevention, control, and countermeasure plan, would also be prepared prior to construction and implemented during construction, and would serve to avoid or minimize the risk of spills or discharges of toxic materials into waterways. Additionally, a health and safety plan (prepared by a registered industrial hygienist) would be prepared that addresses release prevention measures, employee training, notification, and evacuation procedures, and adequate emergency response protocols and cleanup procedures. Finally, during operation, all hazardous material transporters that may use the Project segment of Pleasant Grove Boulevard to transport hazardous waste would be subject to applicable state and federal regulations that ensure the safe tracking and transport of hazardous materials. Therefore, there would be **no new impact** and no mitigation is required.

| Would the Project:                                                                                                                                                                              | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, future population growth with buildout of the General Plan would result in an increase in the routine transport, use, and/or disposal of hazardous materials, which could result in greater exposure of the public to such materials and exposure of increasing numbers of people through either routine use or accidental release. Implementation of adopted General Plan policies, in combination with existing federal and state regulations, would reduce the potential impacts related to the routine transportation of hazardous materials to less than significant.

The Project is a road widening project. Potential hazardous material impacts during construction are addressed by proposed BMPs, adopted general plan policy, and state and federal regulations as discussed in response a) above. Implementation of current state and federal regulations, as well as adopted General Plan policy would serve to minimize both the frequency and the magnitude of potential impacts of the routine transportation of hazardous materials in the City. Thus, there would be **no new impact** and no additional mitigation is required.

| Would the Project:                                                                                                                                              | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |



### No New Impact

According to the GPU EIR, buildout of the General Plan could result in development of uses that would emit or handle hazardous waste in proximity to new or existing schools. However, implementation of proposed GPU policies and compliance with existing regulations would ensure that the impact is less than significant.

Hazardous materials are routinely transported by truck over state and federal highways as well as local roads, including Pleasant Grove Boulevard. California Vehicle Code Section 31303 requires that hazardous materials be transported via routes with the least overall travel time. Although the choice of routes is left primarily to the discretion of the transporter, the California Vehicle Code prohibits the transport of hazardous materials through residential neighborhoods. There are no designated routes for the transport of hazardous materials by truck within the City of Roseville. However, the City has designated truck routes that are intended to divert traffic away from residential areas.

Existing General Plan Hazardous Materials Goals and Policies augment existing state hazardous materials regulations related to schools and would apply to hazardous materials transport through the Project area. Furthermore, these policies require the transport of hazardous materials in compliance with local, state, and federal safety requirements, which help to protect schools. As discussed in the GPU EIR, enforcement of California Department of Education school siting regulations, permitting requirements for individual hazardous material handlers and emitters, would prevent future conflicts between hazardous materials transport and schools and thus related impacts are less than significant and there would be **no new impact**.

| Would the Project:                                                                                                                                                                                                             | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, several sites within the City are listed on the Cortese List as known hazardous materials sites. New and infill development proposed consistent with the General Plan could expose construction workers to hazards and hazardous materials from these sites during construction activities, and hazardous materials on-site could create an environmental or health hazard if left in place. However, existing adopted City General Plan goals and policies combined with required federal and state regulations pertaining to hazardous site cleanup, ongoing remedial activities at known contamination sites, requirements for site-specific environmental site assessments, and identification of the location of underground pipelines prior to site-specific earthmoving activities, reduce the potential for future hazardous materials impacts to less than significant.

The proposed Project is considered an infill development project consistent with the General Plan and City adopted Transportation System Capital Improvement Program. Except for one location, all proposed road widening would occur within existing City owned right-of-way which, consistent with City policy, was previously evaluated for hazardous materials prior to land dedication. Thus, all proposed road construction within existing right-of-way has been previously evaluated for, and found not to contain, hazardous materials. The exception is approximately 500-linear feet of private property located at the northeast corner of the Foothills Boulevard intersection. At this location, approximately 10 feet of additional right-of-way (or approximately 5,000 square feet) would be acquired by the City to accommodate the Project. Consistent with City policy, a Phase 1 Environmental Site Assessment was prepared for this property (Blackburn Consulting 2022, Appendix F). According to the Site Assessment, no Recognized Environmental Conditions were identified at or adjacent the proposed acquisition area. Furthermore, the Site Assessment found that construction of Pleasant Grove Boulevard was completed between 1993 and 1998, and therefore, aerially deposited lead is not anticipated along the Project alignment. As documented in the Phase 1 Environmental Site Assessment, the Project site is not included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and proposed road widening would have a less than significant impact with regard to creating a significant hazard to the public or the environment. Thus, there would be **no new impact**.

|                                                                                                                                                                                                                                                                  | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| e) For a Project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the Project result in a safety hazard for people residing or working in the Project Area? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, the closest airport to the City is the Rio Linda Airport in Sacramento County, approximately 6.3 miles southwest of the Planning Area. The Planning Area is not located within the overflight, noise, or other airport hazard zones of any airport. Therefore, buildout consistent with the General Plan would have no impact related to safety hazards for aircraft or for people residing or working in the vicinity of an airport, and related impacts are less than significant.

The Project is limited to road widening and does not propose housing. As discussed above, the City Planning Area is not located within any overflight, noise, or other airport hazard zone. Thus, it would not result in an airport related safety hazard for people residing or working in the Project Area and there would be **no new impact**.

| <b>Would the Project:</b> |                                                                                                                        | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|---------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| f)                        | Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

**No New Impact**

According to the GPU EIR, General Plan buildout would add additional traffic and residences requiring evacuation in case of an emergency. Implementation of proposed GPU policies would ensure conformance with local emergency-response programs and continued cooperation with emergency-response service providers and related impacts were found to be less than significant.

As a road widening project, the completed Project would reduce traffic congestion and improve level of service. Consistent with City policy and as required by BMP-7: Emergency Vehicle Response, during construction the Public Works Department would coordinate with City Police and Fire Departments to ensure potential effects of temporary lane closures on emergency response are addressed, including any required changes to emergency vehicle routing or temporary changes in fire station servicing areas. Therefore, consistent with City policy and BMP-7, the Project would not Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan and related impacts are less than significant and there would be **no new impact**.

| <b>Would the Project:</b> |                                                                                                                                      | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| g)                        | Expose people or structures, either directly or indirectly, to a significant risk of loss, injury or death involving wildland fires? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

**No New Impact**

According to the GPU EIR, General Plan buildout could potentially increase risk to fire for both people and property. However, implementation of adopted General Plan policies and actions, along with existing regulations would ensure that people and structures would not be exposed to a significant risk of loss or injury involving fires and this impact was found to be less than significant.

Proposed road widening would primarily occur to the interior of existing Pleasant Grove Boulevard which would not significantly increase exposure of people or structures to risk of loss, injury or death involving wildland fires. Furthermore, the Project would be constructed and operated consistent with applicable General Plan goals and policy, including design and construction standards related to roadways and ingress and egress points for emergency vehicles. The Project would also adhere to the City's Multi-Hazard Mitigation Plan and Emergency Operations Plan. These actions ensure potential wildland fire impacts are reduced to less than significant. Thus, there would be **no new impact**.

### **4.9.3 Mitigation Measures**

No significant impacts were identified, and no mitigation measures are required.

## **4.10 Hydrology and Water Quality**

### **4.10.1 Environmental Setting**

#### **4.10.1.1 Regional Hydrology**

At a regional level, the City of Roseville is within the Sacramento River Basin watershed, which covers approximately 26,500 square miles and is bounded by the Sierra Nevada to the east, the Coast Ranges to the west, the Cascade Range and Trinity Mountains to the north, and the Sacramento-San Joaquin Delta to the south. The Sacramento River is the principal river in the watershed. The principal tributaries to the Sacramento River are the Pit and McCloud Rivers, which join the Sacramento River from the north, and the Feather and American Rivers, which join the Sacramento River from the east.

There are 14 smaller watersheds in Placer County and the City Planning Area is located within portions of four of these watersheds: Pleasant Grove Creek, Curry Creek, Dry Creek, and Steelhead Creek. The Planning Area is traversed by a number of westward-flowing creeks within each watershed. All streams in the Planning Area ultimately discharge to the Sacramento River.

#### **4.10.1.2 Site Hydrology and Drainage**

The Project is located in the Pleasant Grove Creek Watershed which totals approximately 30,000 acres, approximately 15,500 acres of which is within the City Planning Area. Pleasant Grove Creek is the main surface water feature. Several tributaries flow into Pleasant Grove Creek including South Branch Pleasant Grove Creek, Kaseburg Creek, Coyote Creek, and University Creek. Within the Project limits, the South Branch of Pleasant Grove Creek passes under Pleasant Grove Boulevard via culvert just west of Misty Wood Drive. Pleasant Grove Creek discharges into the Pleasant Grove Creek Canal west of the City Planning Area in Sutter County, which flows into the Natomas Cross Canal and thence into the Sacramento River near Verona.

Pleasant Grove Creek and its tributaries were historically dry or very nearly dry in the summer months but are now mostly perennial due to urban development and rice farming. Elevations in this subwatershed within the City Planning Area range from approximately 265 feet near Fairway Drive, decreasing to approximately 65 feet in at the northwestern border of the Planning Area next to Pleasant Grove Creek. Downstream of the Project site and in the western portion of the City, Pleasant Grove Creek receives the treated effluent from the City of Roseville's Pleasant Grove Wastewater Treatment Plant.

## **4.10.2 Regulatory Setting**

### **4.10.2.1 Placer County Flood Control and Water Conservation District**

The Placer County Flood Control and Water Conservation District was created by SB 1312, effective August 23, 1984. The PCFCWCD coordinates with the County and with incorporated cities to implement regional flood control projects; develop and implement master plans for selected watersheds in the county; provide technical support and information on flood control for the cities, the county, and the development community; operate and maintain an Alert flood warning system; review proposed developments projects to ensure they meet PCFCWCD standards; develop hydrologic and hydraulic models for county watersheds; provide technical support for Office of Emergency Services activities; and manage the annual stream channel maintenance program with the Dry Creek Watershed outside of the City limits.

### **4.10.2.2 City of Roseville MS4 Permit**

All Phase II communities are subject to the permit requirements of the State-issued Municipal Separate Storm Sewer System (MS4) Permit which supersedes the previous state order. This order took effect on July 1, 2013 and prescribes the requirements of all Phase II communities in meeting water quality objectives. The City has continued to modify its practices to conform to the priorities, activities, and strategies of the MS4 permit and to enact the minimum control measures and BMPs intended to address Phase II discharges, as required by the permit. The goal is to reduce pollutants in stormwater to the maximum extent practicable. The MS4 Permit identifies activities to implement minimum control measures required under the General Permit: public outreach, public involvement, illicit discharge detection and elimination, construction site runoff, new development and redevelopment, municipal operations, water quality monitoring, and program effectiveness.

The MS4 Permit includes minimum required control measures for new development, such as structural and non-structural control strategies, and long-term operation and maintenance of controls. It includes specific guidance for volume and flow control design parameters for structural controls such as detention ponds, vegetative areas, runoff pretreatment in the form of source control and Low-Impact Development (LID) strategies, and hydromodification.

The City's *Stormwater Quality BMP Guidance Manual for Construction* (City of Roseville 2011a) was developed to fulfill part of the requirements of the MS4 permit. The City of Roseville has adopted storm water quality design standards to reduce water pollution generated by urban runoff. These design standards are detailed in the *West Placer Stormwater Quality Design Manual* (cbec eco engineering, inc. and CDM Smith 2018), which also fulfills part of the MS4 permit requirements.

### **4.10.2.3 City of Roseville Stormwater Quality BMP Guidance Manual for Construction**

The *Stormwater Quality BMP Guidance Manual for Construction* (City of Roseville 2011a) was developed as part of the City's program to implement the goals contained in the *City of Roseville Stormwater Management Program* (City of Roseville 2004), as required by the NPDES municipal stormwater permit

from the SWRCB. The BMP Guidance Manual provides the requirements for preparation and submittal of SWPPPs for construction activities, including the City's and the State's procedural requirements for SWPPP submittals and site inspections related to stormwater quality. The BMP Guidance Manual also identifies the various construction-related BMPs that can be used within the City to control construction site runoff. The manual addresses issues such as erosion control, sediment control, and good housekeeping practices.

#### **4.10.2.4 Roseville Urban Stormwater Quality Management and Discharge Control Ordinance**

The City adopted its Urban Stormwater Quality Management and Discharge Control Ordinance (Stormwater Ordinance) (Municipal Code, Title 14, Chapter 14.20) to establish a regulatory framework to implement construction and post-construction stormwater controls. The ordinance is intended to enhance the water quality of watercourses and water bodies in a manner pursuant to and consistent with the Federal Clean Water Act and the city's NPDES permit by reducing pollutants in stormwater discharges to the maximum extent practicable and by effectively prohibiting non-stormwater discharges to the City's stormwater conveyance system.

Site development construction plans must be accompanied by a stormwater management plan as required by the Stormwater Quality Design Manual. Prior to the issuance of a permit to construct and prior to installation and implementation of the specified BMPs, the construction plan and stormwater management plan must have been reviewed and accepted by the city engineer. The stormwater management plan must detail how stormwater generated from a site would be controlled, managed, and treated, including, but not limited to, incorporation of LID and hydromodification management concepts. The stormwater management plan must also evaluate the environmental characteristics of the project site and the potential impacts of all proposed development plans for the site on the water resources, and must demonstrate the effectiveness of the type of stormwater control measures proposed for managing stormwater generated from the site. In addition, a stormwater BMP maintenance plan must be developed for all post-construction stormwater control measures and include a schedule for when and how often maintenance of the stormwater control measures would occur, a list of any special equipment or skills required for proper maintenance, the estimated cost of maintenance, and a schedule for periodic inspections to ensure proper performance between maintenance events.

#### **4.10.3 Hydrology and Water Quality (X) Environmental Checklist and Discussion**

| <b>Would the Project:</b>                                                                                                                 | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, General Plan buildout would convert large areas of undeveloped land to residential, commercial, industrial, and mix-uses, as well as intensify land uses through infill development in existing downtown and major corridor areas, resulting in additional discharges of pollutants to receiving water bodies. Such pollutants would result in adverse changes to the water quality of local water bodies and could conflict with the Basin Plan. However, development projects would be subject to all adopted General Plan policies, along with current land use, stormwater, grading, and erosion control laws, regulations, and permit conditions. The goal of these as they relate to stormwater runoff, and surface and groundwater quality, is to ensure that adequate water quality protection is provided during site-specific project construction and operation. The goal of General Plan policies as they relate to stormwater management is to provide flood protection, enhance water quality, prevent infrastructure deterioration, and facilitate compliance with State and federal laws. Successful implementation of General Plan policies would avoid, minimize, or compensate for potential water quality impacts by requiring projects to reduce pollution and runoff through implementation of LID technologies, BMPs, pretreatment, and upgrades to stormwater and wastewater treatment capacity, as needed. In addition, all new and infill development envisioned under the General Plan would be required to comply with the provisions of the City's Municipal Code requiring proper drainage and erosion control, as well as the Stormwater Quality Design Manual, Stormwater Quality BMP Guidance Manual for Construction, and the City of Roseville Stormwater Management Program (2004) to reduce post-construction runoff in through the incorporation of BMPs, LID, and hydromodification management techniques. These measures would protect water quality as required by the Basin Plan and therefore, this impact would be less than significant.

The proposed Project will be designed, constructed, and operated consistent with the City's Municipal Code requiring proper drainage and erosion control, as well as the Stormwater Quality Design Manual, Stormwater Quality BMP Guidance Manual for Construction, and the City of Roseville Stormwater Management Program. In compliance with the above requirements, the final Project design will include appropriate LID and stormwater pre-treatment measures to ensure stormwater runoff generated by additional pavement is properly treated prior to discharge to surface waters. As such, potential impacts to surface or groundwater quality would be mitigated to less than significant and there would be **no new impact**.

| Would the Project:                                                                                                                                                                    | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the Project may impede sustainable groundwater management of the basin? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, General Plan buildout would result in additional impervious surfaces, which could reduce the amount of groundwater recharge and in turn, affect the yield of hydrologically

connected wells. However, a substantial reduction in groundwater recharge is not anticipated because most of the Planning Area soils provide only a low level of groundwater recharge. Future development would also result in a need for increased potable water. However, the City's Urban Water Management Plan (UWMP) and the Western Placer County Groundwater Management Plan (GMP) provide for sustainable management of groundwater supplies, and a Groundwater Sustainability Plan is in process. With compliance with existing regulations and implementation of adopted General Plan policies, this impact was found to be less than significant.

The Project includes approximately 1.3 miles of road widening resulting in the generation of approximately 1.7 acres of new impervious surface. The City Planning Area includes over 3,000 acres of open space designated land. Thus, the amount of Project generated impervious surface represents less than 1 percent of City designated open space that will remain undeveloped and continue to support the majority of groundwater infiltration within the City Planning Area. Therefore, with implementation of all adopted General Plan goals and policies, continued implementation of the City's UWMP, the Western Placer County GMP, and the Groundwater Sustainability Plan, potential Project impacts to groundwater recharge and sustainable groundwater basin management are less than significant and there would be **no new impact**.

| Would the Project:                                                                                                                                                                                                    | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner that would: |                              |                                                       |                                                                     |                                     |
| i) result in substantial erosion or siltation onsite or offsite;                                                                                                                                                      | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |
| ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding onsite or offsite;                                                                                         | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |
| iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or                            | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |
| iv) impede or redirect flood flows?                                                                                                                                                                                   | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, construction and grading activities associated with buildout of the General Plan could result in excess runoff, soil erosion, and stormwater discharges of suspended solids and increased



turbidity. These activities could mobilize other pollutants from project construction sites as contaminated runoff to onsite and ultimately offsite drainage channels. Many construction-related wastes have the potential to degrade existing water quality. Construction activities that are implemented without mitigation could violate water quality standards or cause direct harm to aquatic organisms. However, with implementation of existing regulations and water quality policies contained in the adopted General Plan, this impact was found to be less than significant by the GPU EIR.

Pleasant Grove Boulevard was originally designed and constructed to accommodate future widening to the interior median. As such, existing storm drain facilities serving the roadway are sized for full buildout of Pleasant Grove Boulevard consistent with the City's Transportation System CIP. Therefore, post construction, drainage from newly paved areas would be directed to the existing storm drain system which is appropriately sized and designed to collect and dissipate stormwater energy and prevent erosion. Furthermore, because roadway drainage facilities are designed to accommodate peak discharge from the widened roadway, the Project would not result in on or offsite flooding, prevent, impede or redirect flood flows, exceed the capacity of existing or planned stormwater drainage system, or (as discussed under responses a) and b) above) provide substantial additional sources of polluted runoff. Therefore, related Project impacts are less than significant and there would be **no new impact**.

| Would the Project:                                                                                  | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-----------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| d) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to Project inundation? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, General Plan buildout could result in short-term, temporary, storage of materials in flood hazard zones only if a flood encroachment permit is issued. The Roseville Municipal Code contains requirements that are specifically intended to prevent downstream transport of pollutants in a flood zone. With implementation of policies contained in the proposed GPU and adherence to the Municipal Code, this impact was found to be less than significant.

Because of the City Planning Area's distance from the Pacific Ocean, tsunamis would not represent a potential Project hazard and there are no waterbodies in the Planning Area that are large enough to result in seiche hazards. Furthermore, active seismic sources are more than 30 miles away. Thus, the Project site is not located within a designated flood hazard, tsunami, or seiche zone and there are no related potential pollutant impacts. However, while not anticipated, Project development could require temporary placement of stockpiled materials within the City's Regulatory Floodplain. Should this occur, it would be subject to City of Roseville Municipal Code regulations that are specifically designed to protect water quality by preventing downstream pollutant transport. Therefore, with implementation of adopted General Plan Flood Protection, Water Quality, and Groundwater Recharge Goals and Policies designed to protect water quality in floodplains, as well as adherence to Municipal Code requirements, potential impacts would be less than significant and there would be **no new impact**.

| <b>Would the Project:</b>                                                                                               | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| e) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

The GPU EIR evaluated the potential for conflict with or obstruction of a water quality control plan as part of Hydrology and Water Quality Environmental Checklist Question a) above. As discussed under question a) above, successful implementation of General Plan policies would avoid, minimize, or compensate for potential water quality impacts by requiring projects to reduce pollution and runoff through implementation of LID technologies, BMPs, pretreatment, and upgrades to stormwater and wastewater treatment capacity, as needed. In addition, all new and infill development envisioned under the General Plan would be required to comply with the provisions of the City's Municipal Code requiring proper drainage and erosion control, as well as the Stormwater Quality Design Manual, Stormwater Quality BMP Guidance Manual for Construction, and the City of Roseville Stormwater Management Program (2004) to reduce post-construction runoff in through the incorporation of BMPs, LID, and hydromodification management techniques. These measures would protect water quality as required by the Basin Plan and therefore, this impact was found to be less than significant in the GPU EIR.

The proposed Project would be designed, constructed, and operated consistent with the City's Municipal Code requiring proper drainage and erosion control, as well as the Stormwater Quality Design Manual, Stormwater Quality BMP Guidance Manual for Construction, and the City of Roseville Stormwater Management Program. In compliance with related requirements, the final Project design will include appropriate LID and stormwater pre-treatment measures to ensure stormwater runoff generated by additional pavement is properly treated prior to discharge to surface waters. As such, potential impacts related to conflict with, or obstruction of, a water quality control plan or sustainable groundwater management plan, would be mitigated to less than significant and there would be **no new impact**.

### 4.10.4 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

## 4.11 Land Use and Planning

### 4.11.1 Environmental Setting

Within the Project limits, Pleasant Grove Boulevard is primarily a four-lane roadway with Class II bike lanes, meandering sidewalks and associated landscaping, a variable width landscaped median, and a posted speed limit of 45 mph. Immediately east of the Project limits, Pleasant Grove Boulevard widens to a six-lane roadway east of Foothills Boulevard and serves as a four-lane roadway west of the Project limits. No on-street parking exists within the Project limits. As a roadway, the Project site is not zoned, however it

is designated Major Arterial by the General Plan Circulation Element. Existing adjacent land uses include residential, commercial, park and recreation and open space.

#### 4.11.2 Land Use and Planning (XI) Environmental Checklist and Discussion

| Would the Project:                             | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Physically divide an established community? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

##### No New Impact

According to the GPU EIR, General Plan buildout would not physically divide an established community. The City's land use designations and roadway locations were planned comprehensively through the Specific Plan process to provide connected communities. Adopted General Plan policies continue to require new development areas and associated community-wide facilities to be linked and oriented to existing developed areas of the community through road networks, public transit systems, open space systems, bikeway and pedestrian systems, and other physical connections and encourage a development pattern that is contiguous with existing developed areas of the City. Existing General Plan policy ensure that transportation options within the City are multi-modal and connect residential areas to supporting land uses such as schools and parks. Thus, Planning Area buildout would not physically divide an established community, and this impact was found to be less than significant in the GPU EIR.

The Project is proposed consistent with the General Plan and would continue to maintain all existing public transit facilities, bikeway and pedestrian systems, and other physical connections that encourage a development pattern that is contiguous with existing adjacent areas. Thus, the Project would not physically divide an established community, there would be **no new impact** and no additional mitigation is required.

| Would the Project:                                                                                                                                                                     | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

##### No New Impact

According to the GPU EIR, the City of Roseville General Plan is consistent with other relevant plans, programs, and regulations that were developed to reduce or avoid environmental impacts. There are no inconsistencies between the adopted General Plan and other plans that would result in a significant environmental impact not already addressed by policy revisions adopted as part of the GPU. Therefore, this impact was found to be less than significant in the GPU EIR.

The Project is proposed consistent with adopted General Plan policy. Thus, Project implementation would not cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect. There would be **no new impact** and no additional mitigation is required.

#### **4.11.3 Mitigation Measures**

No new significant impacts were identified, and no mitigation measures are required.

### **4.12 Mineral Resources**

#### **4.12.1 Environmental Setting**

Minerals are defined as any naturally occurring chemical elements or compounds formed by inorganic processes and organic substances. Mined minerals are defined as a deposit of ore or minerals having a value materially in excess of the cost of developing, mining, and processing the mineral and reclaiming the project area. The conservation, extraction, and processing of mineral resources is essential to meeting the needs of society.

The Surface Mining and Reclamation Act of 1975 (SMARA) states that cities and counties shall adopt ordinances "...that establish procedures for the review and approval of reclamation plans and financial assurances and the issuance of a permit to conduct surface mining operations..." (Public Resources Code ([PRC] Section 2774). The intent of this legislation is to ensure the prevention or mitigation of the adverse environmental impacts of mining, the reclamation of mined lands, and the production and conservation of mineral resources are consistent with recreation, watershed, wildlife, and public safety objectives (PRC Section 2712).

SMARA requires the State Geologist to classify land into Mineral Resource Zones (MRZs) according to the known or inferred mineral potential of that land. The process is based solely on geology, without regard to existing land use or land ownership. The primary goal of mineral land classification is to ensure that the mineral potential of land is recognized by local government decision makers and considered before land use decisions, which could preclude mining, are made. Areas subject to California mineral land classification studies are divided into the following Mineral Resource Zone (MRZ) categories that reflect varying degrees of mineral potential:

- MRZ-1: Areas of no mineral resource significance
- MRZ-2: Areas of identified mineral resource significance
- MRZ-3: Areas of undetermined mineral resource significance
- MRZ-4: Areas of unknown mineral resource significance

There are no MRZ zones designated within Project site or City of Roseville.

#### 4.12.2 Mineral Resources (XII) Environmental Checklist and Discussion

| Would the Project:                                                                                                                     | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

##### No New Impact

According to the GPU EIR, the City of Roseville does not overlie any known deposits of economically valuable mineral resources. Therefore, mineral resources are not evaluated in detail in the GPU EIR and related impacts were found to be less than significant.

Proposed road widening would primarily occur into the existing interior median of Pleasant Grove Boulevard which does not include any known valuable mineral resources but rather accommodates landscaping. Further, as discussed above, no deposits of economically valuable mineral resources are known to underlie the City. Thus, the Project would not result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state and related impacts are less than significant. Thus, there would be **no new impact** and no mitigation is required.

| Would the Project:                                                                                                                                                    | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

##### No New Impact

As discussed above, according to the GPU EIR, the City of Roseville does not overlie any known deposits of economically valuable mineral resources (Lloyd 1995). Furthermore, no SMARA permits have been issued within the City Planning Area, and the City doesn't overlie any designated mineral resource recovery sites. No mining activities are currently underway within the City nor does the City anticipate that any mining activities will take place in the future. Therefore, the potential for loss of locally important mineral resources was considered less than significant in the GPU EIR.

Because there are no designated resource recovery sites in the City, proposed road widening would not result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan. thus, there would be **no new impact** and no mitigation is required.

### 4.12.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

## 4.13 Noise

This section is based on results of the Noise Impact Assessment for the Pleasant Grove Boulevard Project prepared by ECORP (2022e) (IS/MND Appendix G).

### 4.13.1 Environmental Setting

#### 4.13.1.1 Noise Fundamentals

Noise is generally defined as sound that is loud, disagreeable, or unexpected. The selection of a proper noise descriptor for a specific source is dependent on the spatial and temporal distribution, duration, and fluctuation of the noise. The noise descriptors most often encountered when dealing with traffic, community, and environmental noise include the average hourly noise level (in  $L_{eq}$ ) and the average daily noise levels/community noise equivalent level (in  $L_{dn}$ /CNEL). The  $L_{eq}$  is a measure of ambient noise, while the  $L_{dn}$  and CNEL are measures of community noise. Each is applicable to this analysis and defined as follows:

- **Equivalent Noise Level ( $L_{eq}$ )** is the average acoustic energy content of noise for a stated period of time. Thus, the  $L_{eq}$  of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. For evaluating community impacts, this rating scale does not vary, regardless of whether the noise occurs during the day or the night.
- **Day-Night Average ( $L_{dn}$ )** is a 24-hour average  $L_{eq}$  with a 10-dBA “weighting” added to noise during the hours of 10:00 pm to 7:00 am to account for noise sensitivity in the nighttime. The logarithmic effect of these additions is that a 60 A-weighted-decibel (dBA) 24-hour  $L_{eq}$  would result in a measurement of 66.4 dBA  $L_{dn}$ .
- **Community Noise Equivalent Level (CNEL)** is a 24-hour average  $L_{eq}$  with a 5-dBA weighting during the hours of 7:00 pm to 10:00 pm and a 10-dBA weighting added to noise during the hours of 10:00 pm to 7:00 am to account for noise sensitivity in the evening and nighttime, respectively.

Noise can be generated by a number of sources, including mobile sources, such as automobiles, trucks and airplanes, and stationary sources, such as construction sites, machinery, and industrial operations.

Sound spreads (propagates) uniformly outward in a spherical pattern, and the sound level decreases (attenuates) at a rate of approximately 6 dB for each doubling of distance from a stationary or point source. Sound from a line source, such as a highway, propagates outward in a cylindrical pattern, often referred to as cylindrical spreading. Sound levels attenuate at a rate of approximately 3 dB for each doubling of distance from a line source, such as a roadway, depending on ground surface characteristics (Federal Highway Administration [FHWA] 2011). Soft surfaces, such as soft dirt or grass, can absorb sound,

so an excess ground-attenuation value of 1.5 dB per doubling of distance is normally assumed (FHWA 2011).

The manner in which older structures in California were constructed generally provides a reduction of exterior-to-interior noise levels of about 20 to 25 dBA with closed windows (Caltrans 2002). The exterior-to-interior reduction of newer structures is generally 30 dBA or more (Harris Miller Miller & Hanson Inc. 2006).

#### **4.13.1.2 Human Response to Noise**

The human response to environmental noise is subjective and varies considerably from individual to individual. Noise in the community has often been cited as a health problem, not in terms of actual physiological damage, such as hearing impairment, but in terms of inhibiting general well-being and contributing to undue stress and annoyance. The health effects of noise in the community arise from interference with human activities, including sleep, speech, recreation, and tasks that demand concentration or coordination. Hearing loss can occur at the highest noise intensity levels.

Noise environments and consequences of human activities are usually well represented by median noise levels during the day or night or over a 24-hour period. Environmental noise levels are generally considered low when the CNEL is below 60 dBA, moderate in the 60- to 70-dBA range, and high, above 70 dBA. Examples of low daytime levels are isolated, natural settings with noise levels as low as 20 dBA and quiet, suburban, residential streets with noise levels around 40 dBA. Noise levels above 45 dBA at night can disrupt sleep. Examples of moderate-level noise environments are urban residential or semi-commercial areas (typically 55 to 60 dBA) and commercial locations (typically 60 dBA). People may consider louder environments adverse, but most will accept the higher levels associated with noisier urban residential or residential-commercial areas (60 to 75 dBA) or dense urban or industrial areas (65 to 80 dBA). Regarding increases in dBA, the following relationships should be noted in understanding this analysis:

- Except in carefully controlled laboratory experiments, a change of 1.0 dBA cannot be perceived by humans.
- Outside of the laboratory, a 3.0-dBA change is considered a just-perceivable difference.
- A change in level of at least 5.0 dBA is required before any noticeable change in community response would be expected. An increase of 5.0 dBA is typically considered substantial.
- A 10.0-dBA change is subjectively heard as an approximate doubling in loudness and would almost certainly cause an adverse change in community response.

#### **4.13.1.3 Noise Sensitive Land Uses**

Noise-sensitive land uses are generally considered to include those uses where noise exposure could result in health-related risks to individuals, as well as places where quiet is an essential element of their intended purpose. Residential dwellings are of primary concern because of the potential for increased and prolonged exposure of individuals to both interior and exterior noise levels. Additional land uses such as

hospitals, historic sites, cemeteries, and certain recreation areas are considered sensitive to increases in exterior noise levels. Schools, churches, hotels, libraries, and other places where low interior noise levels are essential are also considered noise-sensitive land uses.

The nearest existing noise-sensitive land uses to the Project are residences positioned adjacent to the northern and southern boundaries of the Project Limits. These residences are generally separated from Pleasant Grove Boulevard by a six-foot-high masonry wall and 30-foot-wide vegetated buffer with sidewalks.

#### **4.13.1.4 Vibration Fundamentals**

Ground vibration can be measured several ways to quantify the amplitude of vibration produced, including through Peak Particle Velocity (PPV) or root mean square velocity. These velocity measurements measure maximum particle at one point or the average of the squared amplitude of the signal, respectively.

Vibration impacts on people can be described as the level of annoyance and can vary depending on an individual's sensitivity. Generally, low-level vibrations may cause window rattling but do not pose any threats to the integrity of buildings or structures.

#### **4.13.1.5 Existing Ambient Noise Environment**

The American National Standards Institute (ANSI) Standard 12.9-2013/Part 3 "Quantities and Procedures for Description and Measurement of Environmental Sound – Part 3: Short-Term Measurements with an Observer Present" provides a table of approximate background sound levels in  $L_{dn}$ , daytime  $L_{eq}$ , and nighttime  $L_{eq}$ , based on land use and population density. The ANSI standard estimation divides land uses into six distinct categories. Descriptions of these land use categories, along with the typical daytime and nighttime levels, are provided in *Table 4.13-1*. At times, one could reasonably expect the occurrence of periods that are both louder and quieter than the levels listed in the table. ANSI notes, "95% prediction interval [confidence interval] is on the order of +/- 10 dB." The majority of the Project Limits would be considered ambient noise Category 1, due to the heavy traffic conditions currently experienced.

| <b>Table 4.13-1. ANSI Standard 12.9-2013/Part 3 A-weighted Sound Levels Corresponding to Land Use and Population Density</b> |                                                                      |                                                                                                                                                                                                                                            |                               |                                    |                                    |                                      |
|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|------------------------------------|------------------------------------|--------------------------------------|
| <b>Category</b>                                                                                                              | <b>Land Use</b>                                                      | <b>Description</b>                                                                                                                                                                                                                         | <b>People per Square Mile</b> | <b>Typical <math>L_{dn}</math></b> | <b>Daytime <math>L_{eq}</math></b> | <b>Nighttime <math>L_{eq}</math></b> |
|                                                                                                                              |                                                                      |                                                                                                                                                                                                                                            |                               | <b>(dBA)</b>                       |                                    |                                      |
| 1                                                                                                                            | Noisy Commercial & Industrial Areas and Very Noisy Residential Areas | Very heavy traffic conditions, such as in busy, downtown commercial areas; at intersections for mass transportation or other vehicles, including elevated trains, heavy motor trucks, and other heavy traffic; and at street corners where | 63,840                        | 67                                 | 66                                 | 58                                   |



| <b>Table 4.13-1. ANSI Standard 12.9-2013/Part 3 A-weighted Sound Levels Corresponding to Land Use and Population Density</b> |                                                                                        |                                                                                                                                                                                                                                                                                       |                               |                               |                               |                                 |
|------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------------------|
| <b>Category</b>                                                                                                              | <b>Land Use</b>                                                                        | <b>Description</b>                                                                                                                                                                                                                                                                    | <b>People per Square Mile</b> | <b>Typical L<sub>dn</sub></b> | <b>Daytime L<sub>eq</sub></b> | <b>Nighttime L<sub>eq</sub></b> |
|                                                                                                                              |                                                                                        |                                                                                                                                                                                                                                                                                       |                               | <b>(dBA)</b>                  |                               |                                 |
|                                                                                                                              |                                                                                        | many motor buses and heavy trucks accelerate.                                                                                                                                                                                                                                         |                               |                               |                               |                                 |
| 2                                                                                                                            | Moderate Commercial & Industrial Areas and Noisy Residential Areas                     | Heavy traffic areas with conditions similar to Category 1, but with somewhat less traffic; routes of relatively heavy or fast automobile traffic, but where heavy truck traffic is not extremely dense.                                                                               | 20,000                        | 62                            | 61                            | 54                              |
| 3                                                                                                                            | Quiet Commercial, Industrial Areas and Normal Urban & Noisy Suburban Residential Areas | Light traffic conditions where no mass-transportation vehicles and relatively few automobiles and trucks pass, and where these vehicles generally travel at moderate speeds; residential areas and commercial streets, and intersections, with little traffic, compose this category. | 6,384                         | 57                            | 55                            | 49                              |
| 4                                                                                                                            | Quiet Urban & Normal Suburban Residential Areas                                        | These areas are similar to Category 3, but for this group, the background is either distant traffic or is unidentifiable; typically, the population density is one-third the density of Category 3.                                                                                   | 2,000                         | 52                            | 50                            | 44                              |
| 5                                                                                                                            | Quiet Residential Areas                                                                | These areas are isolated, far from significant sources of sound, and may be situated in shielded areas, such as a small wooded valley.                                                                                                                                                | 638                           | 47                            | 45                            | 39                              |
| 6                                                                                                                            | Very Quiet Sparse Suburban or rural Residential Areas                                  | These areas are similar to Category 4 but are usually in sparse suburban or rural areas; and, for this group, there are few if any nearby sources of sound.                                                                                                                           | 200                           | 42                            | 40                            | 34                              |

Source: The American National Standards Institute (ANSI) 2013

#### **4.13.1.6 Existing Pleasant Grove Boulevard Noise Levels**

Existing roadway noise levels were calculated for the roadway segments in the Project vicinity. This task was accomplished using the FHWA Highway Traffic Noise Prediction Model (FHWA-RD-77-108) (see Appendix G-2 for model outputs) and traffic volumes from the Project's Traffic Study (Fehr & Peers. June 2022.). The model calculates the average noise level at specific locations based on traffic volumes,

average speeds, roadway geometry, and site environmental conditions. The average vehicle noise rates (energy rates) used in the FHWA model have been modified to reflect average vehicle noise rates identified for California by Caltrans. The Caltrans data shows that California automobile noise is 0.8 to 1.0 dBA higher than national levels and that medium and heavy truck noise is 0.3 to 3.0 dBA lower than national levels. The average daily noise levels along these roadway segments are presented in *Table 4.13-2*.

| <b>Table 4.13-2. Existing (Baseline) Traffic Noise Levels for Residential Surrounding Uses</b> |                                                                   |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Roadway Segment</b>                                                                         | <b>L<sub>dn</sub> at 75 feet from Centerline of Roadway (dBA)</b> |
| Pleasant Grove Boulevard                                                                       |                                                                   |
| West of Woodcreek Oaks Boulevard                                                               | 70.4                                                              |
| Between Woodcreek Oaks Boulevard & Birkdale Drive/Retreat Way                                  | 68.1                                                              |
| Between Birkdale Drive/Retreat Way & Country Club Drive                                        | 68.1                                                              |
| Between Country Club Drive & Laporte Drive/Hemingway Drive                                     | 68.4                                                              |
| Between Misty Wood Drive & Foothills Boulevard                                                 | 68.8                                                              |
| East of Foothills Boulevard                                                                    | 69.8                                                              |

Source: Fehr & Peers 2022.

As shown, the existing traffic-generated noise level on Project-vicinity roadways currently ranges from 68.1 to 70.4 dBA L<sub>dn</sub>. L<sub>dn</sub> is 24-hour average noise level with a 10 dBA “weighting” during the hours of 10:00 p.m. to 7:00 a.m. to account for noise sensitivity in the nighttime. Environmental noise levels are generally considered moderate in the 60 to 70 dBA range and high above 70 dBA.

#### 4.13.2 Noise (XIII) Environmental Checklist and Discussion

| <b>Would the Project:</b>                                                                                                                                                                                                                                   | <b>New Significant Impact</b> | <b>Substantially More Severe Significant Impact</b> | <b>Less than Significant Impact with Additional Mitigation</b> | <b>No New Impact</b>                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-----------------------------------------------------|----------------------------------------------------------------|-------------------------------------|
| a) Result in generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? | <input type="checkbox"/>      | <input type="checkbox"/>                            | <input type="checkbox"/>                                       | <input checked="" type="checkbox"/> |

#### No New Impact

According to the GPU EIR, existing and planned noise-sensitive land uses in the Planning Area could occur in areas that either are currently adversely affected by transportation and non-transportation noise sources or will be in the future. This could expose noise-sensitive uses to noise levels in excess of the

existing General Plan noise policies. Buildout of the General Plan would also permanently and substantially increase existing ambient noise levels in certain locations. The General Plan establishes the City's standards for land use and noise compatibility and strategies for addressing conflicts. While the policy approach would reduce adverse noise exposure impacts, the City cannot demonstrate that potentially significant impacts would be avoided in every case. Thus, the impact was found to be significant and unavoidable.

#### **4.13.2.1 Project Onsite Construction Noise**

Construction noise associated with the proposed Project would be temporary and would vary depending on the specific nature of the activities being performed. Noise generated would primarily be associated with the operation of off-road equipment for onsite construction activities as well as construction vehicle traffic on area roadways. Construction noise typically occurs intermittently and varies depending on the nature or phase of construction (e.g., site preparation, excavation, paving). Noise generated by construction equipment, including earth movers, pile drivers, and portable generators, can reach high levels. Typical operating cycles for these types of construction equipment may involve one or two minutes of full power operation followed by three to four minutes at lower power settings. Other primary sources of acoustical disturbance would be random incidents, which would last less than one minute (i.e., dropping large pieces of equipment or the hydraulic movement of machinery lifts). During construction, exterior noise levels could negatively affect sensitive land uses in the vicinity of the construction site.

The nearest existing noise-sensitive land uses to the Project are residences positioned adjacent to the northern and southern boundaries of the Project Limits. These residences are generally separated from Pleasant Grove Boulevard by a six-foot-high masonry wall and 30-foot-wide vegetated buffer with sidewalks. The City of Roseville General Plan Noise Element Policy N1.9 states construction-related noise that is consistent with the City's Municipal Code is exempt from City noise standards. Chapter 9.24 of the City of Roseville Municipal Codes states that construction (e.g., construction, alteration or repair activities) between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday, and between the hours of 8:00 a.m. and 8:00 p.m. Saturday and Sunday, is exempt from City noise standards. The Project is proposing that construction activities take place between 7:00 a.m. and 7:00 p.m. Monday through Friday and between 8:00 a.m. and 8:00 p.m. Saturday and Sunday, in compliance with City Municipal Code Chapter 9.24. As allowed by Municipal Code Chapter 9.24.020, the Project may also include extended construction hours, or in special situations, periods of nighttime work, so long as all reasonable measures are taken to minimize noise impacts.

To estimate the worst-case onsite construction noise levels that may occur at the nearest noise-sensitive receptors and in order to evaluate the potential health-related effects (physical damage to the ear) from construction noise, the construction equipment noise levels were calculated using the Roadway Noise Construction Model and compared against the construction-related noise level threshold established in the Criteria for a Recommended Standard: Occupational Noise Exposure prepared in 1998 by National Institute for Occupational Safety and Health (NIOSH). A division of the U.S. Department of Health and Human Services, NIOSH identifies a noise level threshold based on the duration of exposure to the source. The NIOSH construction-related noise level threshold starts at 85 dBA for more than 8 hours per day; for

every 3-dBA increase, the exposure time is cut in half. This reduction results in noise level thresholds of 88 dBA for more than 4 hours per day, 92 dBA for more than 1 hour per day, 96 dBA for more than 30 minutes per day, and up to 100 dBA for more than 15 minutes per day. For the purposes of this analysis, the lowest, more conservative threshold of 85 dBA  $L_{eq}$  is used as an acceptable threshold for construction noise at the nearby sensitive receptors.

It is acknowledged that the majority of construction equipment is not situated at any one location during construction activities, but rather spread throughout the linear Project Limits and at various distances from sensitive receptors. Therefore, this analysis employs the Federal Transit Administration (FTA) guidance for calculating construction noise, which recommends measuring construction noise produced by all construction equipment from the center of the Project Site (FTA 2018), which in this case is represented by the median of Pleasant Grove Boulevard, which is approximately 85 feet from the nearest sensitive receptor. The anticipated short-term construction noise levels generated for the necessary equipment is presented in Table 4.13-3.

| <b>Table 4.13-3. Construction Average (dBA) Noise Levels at Nearest Residential Receptors</b> |                                                                                 |                                                               |                           |
|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------|
| <b>Equipment</b>                                                                              | <b>Estimated Exterior Construction Noise Level at Existing Residences (dBA)</b> | <b>Construction Noise Standards (dBA <math>L_{eq}</math>)</b> | <b>Exceeds Standards?</b> |
| Phase 1                                                                                       | 79.9                                                                            | 85                                                            | <b>No</b>                 |
| Phase 2                                                                                       | 82.4                                                                            | 85                                                            | <b>No</b>                 |
| Phase 3                                                                                       | 83.7                                                                            | 85                                                            | <b>No</b>                 |
| Phase 4                                                                                       | 79.9                                                                            | 85                                                            | <b>No</b>                 |

Source: Construction noise levels were calculated by ECORP Consulting, Inc. using the FHWA Roadway Noise Construction Model (FHWA 2006). Refer to Appendix G-3 for Model Data Outputs.

Notes: Construction equipment used during construction derived from the Project proponent and the Roadway Construction Emissions Model (RCEM). RCEM contains default construction equipment and usage parameters for typical roadway construction projects. The nearest residence is located approximately 85 feet from median of Pleasant Grove Boulevard.

$L_{eq}$  = The equivalent energy noise level, is the average acoustic energy content of noise for a stated period of time. Thus, the  $L_{eq}$  of a time-varying noise and that of a steady noise are the same if they deliver the same acoustic energy to the ear during exposure. For evaluating community impacts, this rating scale does not vary, regardless of whether the noise occurs during the day or the night.

As shown in *Table 4.13-3*, Project onsite construction activities would not exceed the NIOSH threshold of 85 dBA  $L_{eq}$  at the nearest noise-sensitive receptors. As such, a less than significant impact would occur and there would be **no new impact**.

#### **4.13.2.2 Offsite Construction Worker Traffic Noise**

Construction associated with the Project would result in additional traffic on adjacent roadways over the period that construction occurs. According to the RCEM, which is used to predict the number of on-road Project construction-related trips, construction would not instigate more than 96 trips in a single day (up to 46 construction worker commute trips and up to 50 haul truck trips). According to the Caltrans

*Technical Noise Supplement to the Traffic Noise Analysis Protocol* (2013), doubling of traffic on a roadway is required to result in an increase of 3 dB (outside of the laboratory, a 3-dBA change is considered a just-perceivable difference). The Project Limits are predominantly contained within Pleasant Grove Boulevard, which is regionally accessible from SR 65. According to the Traffic Study prepared for the Project, the segment of Pleasant Grove Boulevard contained within the Project Limits currently accommodates between 31,500 and 52,000 average daily traffic trips (Fehr & Peers 2022). Per Caltrans traffic counts, the segment of SR 65 traversing the Pleasant Grove Boulevard onramps currently accommodates an average daily traffic count of 100,000 vehicles (Caltrans 2021). Thus, Project construction would not result in a doubling of traffic, and therefore its contribution to existing traffic noise would not be perceptible. Additionally, it is noted that construction is temporary, and construction-related trips would cease upon completion of construction. For these reasons a less than significant impact would occur, and thus there would be **no new impact**.

#### **4.13.2.3 Operational Traffic Noise**

Future traffic noise levels on Pleasant Grove Boulevard were modeled based on traffic volumes identified by Fehr & Peers (2022). *Table 4.13-4* shows the calculated Pleasant Grove Boulevard noise levels under existing traffic levels compared to future traffic levels resulting from implementation of the Project. The calculated noise levels as a result of the Project at affected sensitive land uses are compared to the maximum allowable noise exposure standard promulgated in the Roseville General Plan Noise Element. As shown in *Table 4.13-2* above, existing exterior noise levels at the nearest noise-sensitive receptors already exceeds the conditionally acceptable ambient noise standard of 65 dBA  $L_{dn}$  without implementation of the Project. Thus, the increase in transportation-related noise associated with implementation of the proposed Project is evaluated against Roseville General Plan Noise Element Policy N1.5, which states that if existing noise levels already exceed noise compatibility standards without implementation of a proposed project, a project's contribution to ambient noise is considered significant in the case of the following:

- Where existing exterior noise is less than 60 dB, a  $\geq 5$  dBA increase in noise is significant.
- Where existing exterior noise is between 60 and 65 dBA, a  $\geq 3$  dB increase in noise is significant.
- Where existing exterior noise is greater than 65 dB a  $\geq 1.5$  dBA increase in noise is significant.

**Table 4.13-4. Existing Plus Project Conditions Predicted Traffic Noise Levels**

| Roadway Segment                                               | Ldn at 75 feet from Centerline of Roadway |                    | Exceed Standard? |
|---------------------------------------------------------------|-------------------------------------------|--------------------|------------------|
|                                                               | Existing                                  | Existing + Project |                  |
| Pleasant Grove Boulevard                                      |                                           |                    |                  |
| West of Woodcreek Oaks Boulevard                              | 70.4 dBA                                  | 70.4 dBA           | No               |
| Between Woodcreek Oaks Boulevard & Birkdale Drive/Retreat Way | 68.1 dBA                                  | 68.3 dBA           | No               |
| Between Birkdale Drive/Retreat Way & Country Club Drive       | 68.1 dBA                                  | 68.4 dBA           | No               |
| Between Country Club Drive & Laporte Drive/Hemingway Drive    | 68.4 dBA                                  | 68.6 dBA           | No               |
| Between Misty Wood Drive & Foothills Boulevard                | 68.8 dBA                                  | 68.8 dBA           | No               |
| East of Foothills Boulevard                                   | 69.8 dBA                                  | 69.8 dBA           | No               |

Source: Traffic noise levels were calculated by ECORP Consulting, Inc. using the FHWA traffic noise prediction model in conjunction with the trip generation rate identified by Fehr & Peers (2022). Refer to Appendix H for traffic noise modeling assumptions and results.

Note: Standard  $\geq 1.5$  dBA  
Surrounding Uses: Residential

As show in *Table 4.13-4*, predicted increases in traffic noise levels associated with the Project would be less than the City of Roseville significance threshold. A less than significant impact would occur, and thus there would be **no new impact**.

| Would the Project:                                                                      | New Significant Impact   | Substantially More Severe Significant Impact | Less than Significant Impact with Additional Mitigation | No New Impact                       |
|-----------------------------------------------------------------------------------------|--------------------------|----------------------------------------------|---------------------------------------------------------|-------------------------------------|
| b) Result in generation of excessive groundborne vibration or groundborne noise levels? | <input type="checkbox"/> | <input type="checkbox"/>                     | <input type="checkbox"/>                                | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, General Plan buildout construction of projects could cause a temporary, short-term disruptive vibration if it were to occur near sensitive receptors, and future development of new vibration-sensitive land uses could occur within vibration-generating areas (e.g., railroad). However, this vibration would be temporary, and the City does not anticipate very large-scale projects with extensive excavation and pile driving that would occur directly adjacent vibration-sensitive uses that would result in substantial disturbance or damage to adjacent structures.

The General Plan also anticipates the potential for vibration-sensitive land uses to be developed in areas with some amount of existing vibration today, such as the Union Pacific Railroad. Policy N1.10 requires all feasible measures necessary, as a part of proposed development and public infrastructure projects, to avoid structural damage to adjacent structures and avoid substantial annoyance for adjacent vibration-sensitive uses, consistent with California Department of Transportation and Federal Transit Agency guidance—guidance that is specifically designed to avoid annoyance to vibration-sensitive uses and structure damage. Thus, with implementation of all applicable General Plan Policy, impacts related to generation of excessive groundborne vibration or groundborne noise levels were found to be less than significant by the GPU EIR.

### **Construction Vibration**

Excessive groundborne vibration impacts result from continuously occurring vibration levels. Increases in groundborne vibration levels attributable to the Project would be primarily associated with short-term construction-related activities. Construction on the Project Site would have the potential to result in varying degrees of temporary groundborne vibration, depending on the specific construction equipment used and the operations involved. Ground vibration generated by construction equipment spreads through the ground and diminishes in magnitude with increases in distance.

Construction-related ground vibration is normally associated with impact equipment such as pile drivers, jackhammers, and the operation of some heavy-duty construction equipment, such as dozers and trucks. It is noted that pile drivers would not be necessary during Project construction. Vibration decreases rapidly with distance and it is acknowledged that construction activities would occur throughout the Project Site and would not be concentrated at the point closest to sensitive receptors. Groundborne vibration levels associated with construction equipment at 25 feet distant are summarized in *Table 4.13-4*.

| <b>Table 4.13-4. Representative Vibration Source Levels for Construction Equipment</b> |                                                              |
|----------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <b>Equipment Type</b>                                                                  | <b>Peak Particle Velocity at 25 Feet<br/>(inches/second)</b> |
| Large Bulldozer                                                                        | 0.089                                                        |
| Caisson Drilling                                                                       | 0.089                                                        |
| Loaded Trucks                                                                          | 0.076                                                        |
| Hoe Ram                                                                                | 0.089                                                        |
| Jackhammer                                                                             | 0.035                                                        |
| Small Bulldozer/Tractor                                                                | 0.003                                                        |
| Vibratory Roller                                                                       | 0.210                                                        |

Source: Caltrans 2020; FTA 2018

The City of Roseville does not promulgate a numeric threshold regulating vibrations associated with construction. General Plan Policy N1.10 requires the inclusion of all feasible measures necessary, as a part

of proposed development and public infrastructure projects, to avoid substantial annoyance for adjacent vibration-sensitive uses consistent with California Department of Transportation and Federal Transit Agency guidance. Thus, the Caltrans (2020) recommended standard of 0.2 inch per second PPV with respect to the prevention of structural damage for older residential buildings is used as a threshold. This is also the level at which vibrations may begin to annoy people in buildings. Consistent with FTA recommendations for calculating construction vibration, construction vibration was measured from the center of the Project Site (FTA 2018). The nearest structure of concern to the construction site, with regard to groundborne vibrations, are residences approximately 85 feet from the Project Site.

Based on the representative vibration levels presented for various construction equipment types in *Table 4.13-4* and the construction vibration assessment methodology published by the FTA (2018), it is possible to estimate the potential Project construction vibration levels. The FTA provides the following equation:

$$[PPV_{\text{equip}} = PPV_{\text{ref}} \times (25/D)^{1.5}].$$

*Table 4.13-5* presents the expected Project related vibration levels at a distance of 85 feet.

| <b>Table 4.13-5. Onsite Construction Vibration Levels at 85 Feet</b> |                      |                   |                        |                         |                       |                  |                         |
|----------------------------------------------------------------------|----------------------|-------------------|------------------------|-------------------------|-----------------------|------------------|-------------------------|
| <b>Receiver PPV Levels (inches/second)<sup>1</sup></b>               |                      |                   |                        |                         | <b>Peak Vibration</b> | <b>Threshold</b> | <b>Exceed Threshold</b> |
| <b>Large Bulldozer, Caisson Drilling, &amp; Hoe Ram</b>              | <b>Loaded Trucks</b> | <b>Jackhammer</b> | <b>Small Bulldozer</b> | <b>Vibratory Roller</b> |                       |                  |                         |
| 0.01                                                                 | 0.01                 | 0.00              | 0.02                   | 0.03                    | <b>0.03</b>           | <i>0.2</i>       | <b>No</b>               |

Notes: <sup>1</sup>Based on the Vibration Source Levels of Construction Equipment included on *Table 4.13-4* (FTA 2018). Distance to the nearest structure of concern is approximately 85 feet measured from Project Site boundary.

As shown in *Table 4.13-5*, vibration as a result of onsite construction activities on the Project Site would not exceed 0.2 PPV at the nearest structure. Thus, onsite Project construction would not exceed the recommended threshold and related Project impacts would be less than significant and there would be **no new impact**.

### **Operational Vibration**

Project operations would not include the use of any stationary equipment that would result in excessive vibration levels. Therefore, the Project would not result in groundborne vibration impacts during operations and there would be **no new impact**.



| <b>Would the Project:</b>                                                                                                                                                                                                                                                                                 | Potentially Significant Impact | Less than Significant with Mitigation Incorporated | Less than Significant Impact | No Impact                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|----------------------------------------------------|------------------------------|-------------------------------------|
| c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? | <input type="checkbox"/>       | <input type="checkbox"/>                           | <input type="checkbox"/>     | <input checked="" type="checkbox"/> |

### **No New Impact**

According to the GPU EIR, the Planning Area does not intersect with any military bases, special use airspaces, or low-level flight paths, and is not located in safety zones or noise contours associated with airfields or airports that are a concern for land use compatibility planning. The Planning Area is not located within 2 miles of a public or private airstrip. McClellan Airfield is located more than 5 miles south of the Planning Area, Lincoln Airport is located more than 7 miles north of the Planning Area, and Sacramento International Airport is located more than 15 miles west of the Planning Area. No noise standards are exceeded by the aircraft overflight because the City is located outside of the 60 dB CNEL contour for McClellan Airfield, Sacramento International Airport, and the Lincoln Airport; therefore, exposure to excessive noise levels from aircraft noise was considered less than significant by the GPU EIR.

As discussed above, the Project site is located approximately nine miles northeast of the Sacramento McClellan Airport and is located outside of the boundaries of the McClellan Airport land use plan. Since the site is outside the land use plan boundaries it is beyond the noise contours generated by airport operations. Thus, the proposed Project would not expose people working to implement the Project to excess airport noise levels. **No new impact** would occur.

### **4.13.3 Mitigation Measures**

No significant impacts were identified; no mitigation measures are required.

## **4.14 Population and Housing**

### **4.14.1 Environmental Setting**

#### **4.14.1.1 Population**

The California Department of Finance (DOF) estimates that the City of Roseville's total population increased from 79,921 in 2000 to 118,788 in 2010, which is a 49-percent increase over this 10-year period (City of Roseville 2015, DOF 2012, 2019). As of January 1, 2019, DOF estimates that the population of Roseville was 139,643, which is a 15-percent increase from the 2010 population (DOF 2019). The City estimates that Roseville's population will increase to 198,000 persons with full buildout of the General Plan (City of Roseville 2017).

#### 4.14.1.2 Housing

According to the DOF, the total number of housing units in the City of Roseville was 54,621 in 2019, with an average household size of 2.71 persons per household, compared to 2.57 in unincorporated Placer County (DOF 2019). Approximately 76 percent of these housing units were attached and detached single-family homes, compared to 78 percent countywide (DOF 2019). The City estimates that Roseville's 16 subareas will have a total of 75,200 housing units with full buildout of the General Plan (which includes 14 specific plan areas, the Infill area, and the North Industrial area).

Sacramento Area Council of Governments (SACOG) estimates that Roseville will have a total of 68,950 housing units in 2035, which is the planning horizon for the City's current General Plan (SACOG 2019). This includes the estimated number of housing units that could be constructed as part of the Creekview, Sierra Visa, and Amoruso Ranch, and Downtown Specific Plan Areas (SACOG 2019). SACOG's estimate of housing units in 2035 is approximately 8 percent less than the City's projections for buildout of the General Plan (75,200 housing units) (SACOG 2019).

#### 4.14.2 Population and Housing (XIV) Environmental Checklist and Discussion

| Would the Project:                                                                                                                                                                                                  | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

According to the GPU EIR, General Plan buildout would not directly induce unplanned growth. Furthermore, the majority of the vacant land adjacent to the City's boundaries are within existing adopted Specific Plans within Placer County, and are already planned for urbanization and development. Therefore, buildout consistent with the General Plan does not have the potential to indirectly induce substantial unplanned growth outside of the Planning Area. This impact was found to be less than significant.

The Project is a road widening transportation system CIP project that is proposed consistent with the General Plan and is intended to support General Plan buildout. Thus, the Project would not induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure) and there would be **no new impact** and no mitigation is required.

| <b>Would the Project:</b> |                                                                                                                              | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| b)                        | Displace substantial numbers of people or existing housing, necessitating the construction of replacement housing elsewhere? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

**No New Impact**

According to the GPU EIR, the General Plan does not propose converting established residential areas to a nonresidential land use or redeveloping existing residential areas with new residences by removing existing dwelling units. Although General Plan buildout is not expected to result in substantial displacement of people or housing necessitating construction of housing elsewhere, if there is unanticipated displacement, the existing General Plan land use plan includes capacity for the construction of 22,300 residential dwelling units, which would provide housing for any displaced residents. Therefore, this impact was found to be less than significant.

The proposed Project is limited to road widening to support General Plan buildout and would not displace any existing housing or people. Thus, the Project would not displace substantial numbers of people or existing housing, necessitating the construction of replacement housing elsewhere and there would be **no new impact**.

**4.14.3 Mitigation Measures**

No new significant impacts were identified, and no mitigation measures are required.

**4.15 Public Services****4.15.1 Environmental Setting**

The City of Roseville provides fire protection, law enforcement, and parks and recreation public services within the City limits. School services in Roseville are provided by the Roseville City School District, Eureka Union School District, Dry Creek Joint Elementary School District, Center Joint Unified School District, and Roseville Joint Union High School District. Refer to GPU EIR section 4.11.2 for a complete description of existing public services. The City of Roseville also provides public facilities, including buildings for general government services and other facilities (i.e., corporation yards) that support other public service functions.

**4.15.2 Public Services (XV) Environmental Checklist and Discussion**

| <b>Would the Project:</b>                                                                                                                                                                                                                                                                                                                                                                                 | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact<br>with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|------------------------------------------------------------------------|-------------------------------------|
| a) result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services: | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                               | <input checked="" type="checkbox"/> |
| Fire Protection?                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                               | <input checked="" type="checkbox"/> |
| Police Protection?                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                               | <input checked="" type="checkbox"/> |
| Schools?                                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                               | <input checked="" type="checkbox"/> |
| Parks?                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                               | <input checked="" type="checkbox"/> |
| Other Public Facilities?                                                                                                                                                                                                                                                                                                                                                                                  | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                               | <input checked="" type="checkbox"/> |

**4.15.2.1 Fire and Police Protection**

According to the GPU EIR, General Plan buildout would result in additional population and structures within the Planning Area that would create additional demands for fire and police protection services over current demand levels. However, the addition of new staff would not result in the need for new or physically altered fire or police protection facilities to maintain acceptable response times or other performance objectives, the construction of which could potentially have adverse impacts on the physical environment. This impact was found to be less than significant.

Proposed improvements would require elimination of the existing allowed left turn movement onto Pleasant Grove Boulevard from the following three side street stop-sign-controlled intersections:

- Pleasant Grove Boulevard & Birkdale Drive/Retreat Way
- Pleasant Grove Boulevard & Laporte Drive/Hemingway Drive
- Pleasant Grove Boulevard & Misty Wood Drive

As shown in *Figures 2-2 and 2-3*, existing left-turn and through movements from these side streets would be restricted post Project by a center median. The center median improvements conform with City Standards prohibiting left turns or through movements from side streets across six-lane roadways. The proposed improvements are in conformance with City Standards, which account for emergency vehicle accessibility, and therefore would not result in new impacts to police or fire protection services.

The Project is primarily limited to road widening and as discussed above would be implemented consistent with all adopted General Plan policy and implementation measures. Thus, the Project would not result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for fire and police protection services. There would be **no new impact**.

#### **4.15.2.2 Schools**

According to the GPU EIR, City buildout would accommodate construction of between 20,000 to 25,000 housing units that generate approximately 10,000 additional K-12 students. The impacts of construction and operation of school facilities was analyzed throughout the GPU EIR and were found to be mitigated by adopted policies implementation measures which, where necessary, would reduce or avoid impacts. Thus, the impact was found to be less than significant.

The proposed Project is limited to road widening and would be implemented consistent with all adopted General Plan policy and implementation measures. The Project would not result in substantial adverse physical impacts associated with the provision of new or physically altered school facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable school service levels. There would be **no new impact**.

#### **4.15.2.3 Parks**

According to the GPU EIR, General Plan buildout would result in the development of new residences in Roseville, which would add new population and increase demand for new and existing parks, as well as recreation facilities. This additional population would be likely to use existing park facilities potentially resulting in the accelerated physical deterioration of existing facilities. Buildout of the General Plan could accommodate approximately 1,100 additional acres of developed parkland, the construction of which could result in adverse impacts on the physical environment. However, the impacts of construction and operation of these facilities has been analyzed in the GPU EIR, and within EIRs for each of the City's Specific Plans. The General Plan includes mitigating policies and measures, where necessary, that would reduce or avoid impacts. In addition, dedication of parkland or payment of in-lieu fees could also be used by the City to improve, expand, and maintain existing City parks to ensure that accelerated deterioration does not occur. Thus, this impact was found to be less than significant in the GPU EIR.

The proposed Project is limited to road widening and would be implemented consistent with all adopted General Plan policy and implementation measures. Thus, the Project would not generate new population or result in substantial adverse physical impacts associated with the provision of new or physically altered park facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable park service levels. There would be **no new impact**.

#### 4.15.2.4 Other Public Facilities

According to the GPU EIR, as the City's population increases and demographics shift, continual assessment will be required to determine whether other public facilities require expansion. Existing adopted General Plan policy and implementation measures would ensure adequate provision of other public facilities as the City grows. There are no additional significant impacts related to construction of other public facilities beyond the construction impacts that are analyzed throughout the GPU EIR. As appropriate, future construction plans would be subject to project-level CEQA analysis and mitigation, further ensuring compliance with regulations and allowing additional opportunities for mitigation, if necessary. Therefore, the General Plan FEIR found this impact to be less than significant.

The proposed Project is limited to road widening and would be implemented consistent with all adopted General Plan policy and implementation measures. Thus, the Project would not generate new population or result in substantial adverse physical impacts associated with the provision or construction of other public facilities needed to serve the City's growing population, the construction of which could cause significant environmental impacts, in order to maintain acceptable government service levels. There would be **no new impact**.

#### 4.15.3 Mitigation Measures

No significant impacts were identified, and no mitigation measures are required.

### 4.16 Recreation

#### 4.16.1 Environmental Setting

The City has defined park lands to include public developed parks, recreational open space, and joint-use park school facilities. The City has an adopted standard of 9 acres of park land per 1,000 residents, which has historically been met through the dedication of parkland as a part of development. As of 2018, the City had approximately six acres of developed parkland per 1,000 residents. This is because, although all new development in the City is required to dedicate sufficient land to meet the City's parkland standard, portions of the City were developed prior to the adoption of this standard.

#### 4.16.2 Recreation (XVI) Environmental Checklist and Discussion

| Would the Project:                                                                                                                                                                           | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, General Plan buildout would result in the development of new residences in Roseville, which would add new population and increase demand for new and existing parks, as well as recreation facilities. This additional population would be likely to use existing park facilities potentially resulting in the accelerated physical deterioration of existing facilities. Buildout of the General Plan could accommodate approximately 1,100 additional acres of developed parkland, the construction of which could result in adverse impacts on the physical environment. However, the impacts of construction and operation of these facilities has been analyzed in the GPU EIR, and within EIRs for each of the City's Specific Plans. The General Plan includes mitigating policies and measures, where necessary, that would reduce or avoid impacts. In addition, dedication of parkland or payment of in-lieu fees could also be used by the City to improve, expand, and maintain existing City parks to ensure that accelerated deterioration does not occur. Thus, this impact was found to be less than significant in the GPU EIR.

The proposed Project is limited to road widening, would not increase City population, and would be implemented consistent with all adopted General Plan policy and implementation measures. Thus, the Project would not increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated. There would be **no new impact**.

| Would the Project:                                                                                                                                                      | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| b) Include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

According to the GPU EIR, General Plan buildout would result in the development of new residences in Roseville, which would add new population and increase demand for new and existing park and recreation facilities. Buildout of the General Plan could accommodate approximately 1,100 additional acres of developed parkland, the construction of which could result in adverse impacts on the physical environment. However, the impacts of construction and operation of these facilities has been analyzed in the GPU EIR, and within EIRs for each of the City's Specific Plans. The adopted General Plan includes mitigating policies and measures, where necessary, that would reduce or avoid impacts resulting from recreational facility development. This includes the payment of in-lieu fees which can be used for new park construction. Thus, this impact was found to be less than significant in the GPU EIR.

The proposed Project is limited to road widening and would be implemented consistent with all adopted General Plan policy and implementation measures. Thus, the Project would not require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment. There would be **no new impact**.

### **4.16.3 Mitigation Measures**

No significant impacts were identified, and no mitigation measures are required.

## **4.17 Transportation**

This section is based on information and analysis contained in the Pleasant Grove Boulevard Widening Traffic Study (Traffic Study) prepared by Fehr & Peers (March 2022.) (IS/MND Appendix H) and the City of Roseville GPU EIR (City of Roseville. August 2020).

The Traffic Study documents existing conditions, provides design recommendations for proposed widening improvements based on Project level queuing analysis, and confirms traffic impacts of the Project with respect to adopted General Plan policy addressing intersection LOS. With implementation of Senate Bill 743 in 2018, Vehicle Miles Travelled (VMT) replaced LOS as the significance criterion to be applied when analyzing transportation impacts under CEQA. Accordingly, while the LOS results reported herein may be compared to the City's LOS policy to evaluate performance, LOS results not meeting the City's LOS policy would not represent a significant transportation impact under CEQA.

### **4.17.1 Environmental Setting**

As discussed above in Section 2.0 Project Description, the Project would widen Pleasant Grove Boulevard from four to six travel lanes, configured as three eastbound and three westbound lanes, from the existing six-lane section east of Foothills Boulevard westerly through Woodcreek Oaks Boulevard. The Project includes conforming adjustments to intersections, turn lanes, and signal operations to optimize traffic flow within the Project limits.

#### **4.17.1.1 Study Area**

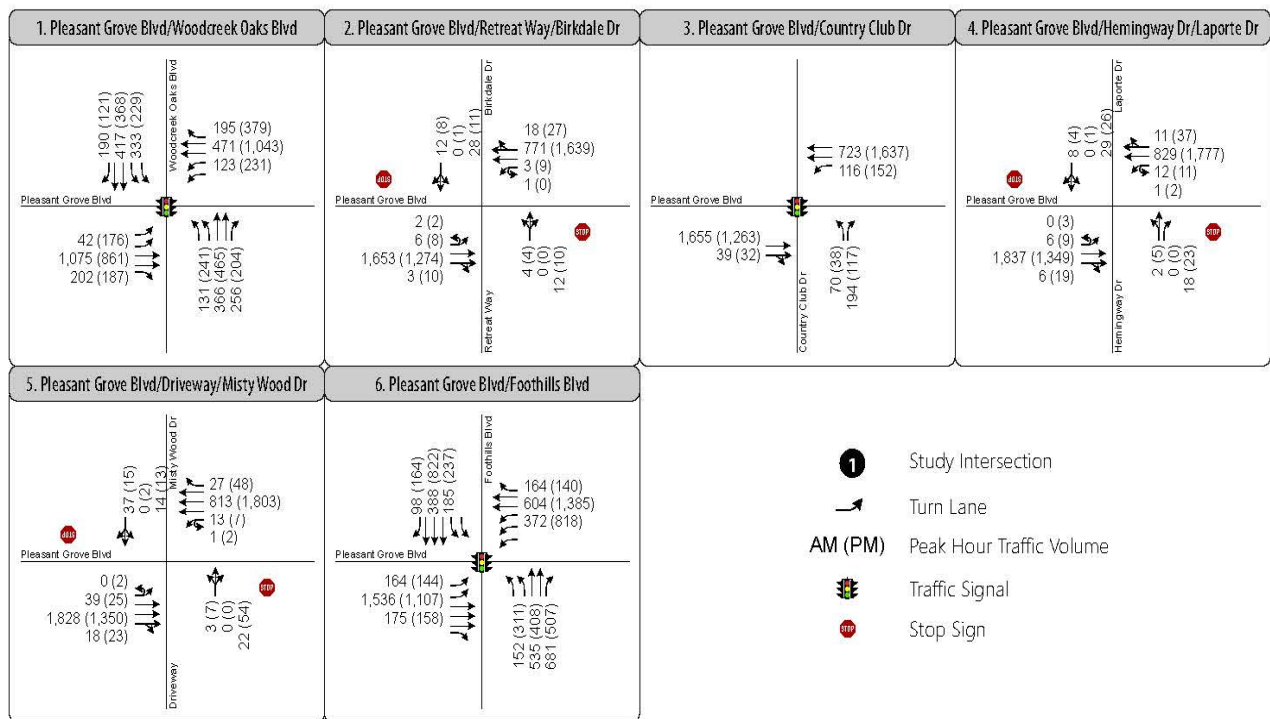
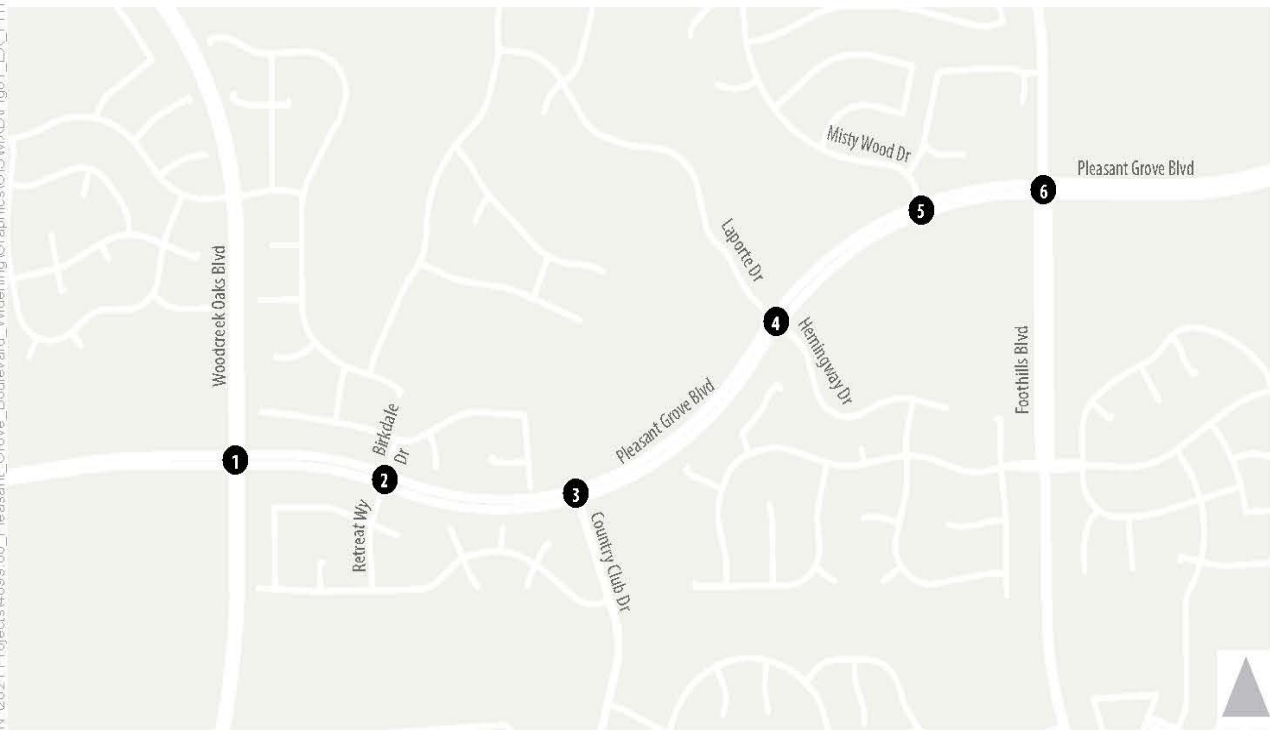
Potential project impacts are analyzed at six study intersections along the Project segment of Pleasant Grove Boulevard between Foothills Boulevard and Woodcreek Oaks Boulevard (*Figure 4.17-1*). The study area includes three signalized intersections and three unsignalized intersections along Pleasant Grove Boulevard.

#### **4.17.1.2 Analysis Scenarios**

The Traffic Study analyzed the following scenarios:

- Existing Conditions - represents the existing setting upon which project-specific impacts are judged.
- Existing Plus Project (EPP) Conditions - represents existing conditions and volumes plus the widening of Pleasant Grove Boulevard.





Source: Fehr Peers

- Cumulative No Project (CNP) (2035) Conditions – assumes planned City of Roseville capital improvements and development of numerous reasonable and foreseeable land uses in the study area and additional land uses and roadway network improvements, but no widening of Pleasant Grove Boulevard.
- Cumulative Plus Project (CPP) (2035) Conditions – assumes planned City of Roseville capital improvements and development of numerous reasonable and foreseeable land uses in the study area and additional land uses and roadway network improvements, which already includes the proposed widening of Pleasant Grove Boulevard.

#### 4.17.1.3 Analysis Methods

##### **Level of Service**

Level of Service (LOS) is a qualitative measure of traffic operating conditions whereby a letter grade, from A (the best) to F (the worst), is assigned. These grades represent the perspective of drivers and are an indication of the comfort and convenience associated with driving. In general, LOS A represents free-flow conditions with no congestion, and LOS F represents severe congestion and delay under stop-and-go conditions. *Table 4.17-1* provides the City's adopted intersection LOS criteria. LOS results reported are determined using the procedures and methodology contained in the Highway Capacity Manual 6th Edition.

To provide consistency with other studies, the Traffic Study used the deterministic Synchro software program to analyze all study intersections except Pleasant Grove Boulevard/Foothills Boulevard for PM peak hour conditions. This intersection was analyzed using the SimTraffic 11 micro-simulation model due to its level of congestion and coordinated traffic signal progression.

| <b>Table 4.17-1. Intersection LOS Criteria</b> |                                                                                                                                                                                         |                                            |                     |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|---------------------|
| <b>Level of Service</b>                        | <b>Description<br/>(for signalized intersections)</b>                                                                                                                                   | <b>Average Delay<br/>(Seconds/Vehicle)</b> |                     |
|                                                |                                                                                                                                                                                         | <b>Signalized</b>                          | <b>Unsignalized</b> |
| A                                              | Operations with very low delay occurring with favorable traffic signal progression and/or short cycle lengths.                                                                          | < 10.0                                     | < 10.0              |
| B                                              | Operations with low delay occurring with good progression and/or short cycle lengths.                                                                                                   | > 10.0 to 20.0                             | > 10.0 to 15.0      |
| C                                              | Operations with average delays resulting from fair progression and/or longer cycle lengths. Individual cycle failures begin to appear.                                                  | > 20.0 to 35.0                             | > 15.0 to 25.0      |
| D                                              | Operations with longer delays due to a combination of unfavorable progression, long cycle lengths, or high V/C ratios. Many vehicles stop and individual cycle failures are noticeable. | > 35.0 to 55.0                             | > 25.0 to 35.0      |

**Table 4.17-1. Intersection LOS Criteria**

| Level of Service | Description<br>(for signalized intersections)                                                                                                                                                      | Average Delay<br>(Seconds/Vehicle) |                |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|----------------|
|                  |                                                                                                                                                                                                    | Signalized                         | Unsignalized   |
| E                | Operations with high delay values indicating poor progression, and long cycle lengths. Individual cycle failures are frequent occurrences. This is considered to be the limit of acceptable delay. | > 55.0 to 80.0                     | > 35.0 to 50.0 |
| F                | Operations with delays unacceptable to most drivers occurring due to over-saturation, poor progression, or very long cycle lengths.                                                                | > 80.0                             | > 50.0         |

Note: LOS = level of service; V/C ratio = volume-to-capacity ratio

Source: Transportation Research Board, 2016.

### **Queuing**

Queuing was evaluated for plus-project conditions (EPP and CPP) using the SimTraffic 11 micro-simulation model to provide input for design decisions. All reported queuing results represent the average maximum queues for 10 simulation runs.

### **Average Daily Traffic (ADT)**

Average daily traffic (ADT) is the sum of all vehicles over a 24-hour period. Comparison of No Project and Plus Project ADT can provide understanding of the overall impacts of a project on the transportation system. ADT is typically reported for a mid-week condition (Tuesday, Wednesday, or Thursday).

Note that while the City of Roseville reports ADT on its roadways, the City does not use ADT-based LOS as a metric. The City evaluates LOS on signalized intersections because intersections dictate overall operations of the City's roadway system.

#### **4.17.1.4 Performance Targets**

The City of Roseville's level of service policy per the City of Roseville 2035 General Plan (August 2020) is:

Maintain a LOS "C" standard at a minimum of 70 percent of all signalized intersections and roadway segments in the City during the a.m. and p.m. peak hours. Exceptions to the LOS "C" standard may be considered where improvements required to achieve the standard would adversely affect pedestrian, bicycle, or transit access, and where feasible LOS improvements and travel-demand-reducing strategies have been exhausted.

As discussed above, while the LOS results reported herein may be compared to the City's LOS policy to evaluate performance, LOS results not meeting the City's LOS policy would not represent a significant Transportation impact under CEQA.

#### **4.17.1.5 Existing Conditions**

This section presents Existing conditions within the study area. Existing conditions are generally reflective of travel prior to the onset of the COVID-19 pandemic.

Within the study area, Pleasant Grove Boulevard is primarily a four-lane roadway with a posted speed limit of 45 miles per hour. At the eastern end of the study area, Pleasant Grove Boulevard widens to a six-lane roadway east of Foothills Boulevard.

There are existing Class II bike lanes (on-street with appropriate signage and pavement markings) along both sides of Pleasant Grove Boulevard, which will be maintained by the project.

There are existing City Local "Route M" bus stops along both sides of Pleasant Grove Boulevard, which will be unchanged by the project. These are located:

- West of Woodcreek Oaks Boulevard (both eastbound and westbound),
- East of Woodcreek Oaks Boulevard (eastbound only),
- East of Country Club Drive (eastbound only),
- West of Foothills Boulevard (both eastbound and westbound), and
- East of Foothills Boulevard (eastbound only)

#### **Traffic Volumes**

For the three signalized study intersections, the Traffic Study utilized traffic count data (collected in February 2020) from the Transportation Impact Study for the Roseville Housing Element Update (2021). For the three unsignalized study intersections, it was necessary to collect counts in October 2021 to provide side-street volume data. Through traffic volumes were then balanced through the unsignalized locations using the higher pre-COVID volumes from the signalized intersections, such that the analysis should reflect pre-COVID conditions.

*Figure 4.17-1* shows Existing AM and PM peak hour turning volumes and lane configurations at the study intersections.

#### **Average Daily Traffic (ADT)**

*Table 4.17-2* shows the existing ADT at multiple locations along Pleasant Grove Boulevard collected by the City's traffic signal loop detectors over the same days as the turning movement counts (February 2020).

**Table 4.17-2: ADT – Existing Conditions**

| Location on Pleasant Grove Boulevard                   | Existing (2020)<br>Daily Volume |
|--------------------------------------------------------|---------------------------------|
| West of Woodcreek Oaks Boulevard                       | 31,500                          |
| Woodcreek Oaks Boulevard to Birkdale Drive/Retreat Way | 36,600                          |
| Birkdale Drive/Retreat Way to Country Club Drive       | 37,100                          |
| Country Club Drive to Laporte Drive/Hemingway Drive    | 39,400                          |
| Misty Wood Drive to Foothills Boulevard                | 41,200                          |
| East of Foothills Boulevard                            | 52,000                          |

ADT values are rounded to the nearest 100 vehicles.

Source: Fehr & Peers 2021.

### Level of Service (LOS)

Table 4.17-3 displays Existing AM and PM peak hour operations at the study intersections along Pleasant Grove Boulevard. Details are included in the Traffic Study Technical Appendix (see IS/MND Appendix H).

The two primary intersections at each end of the corridor operate at LOS D or E during peak hours. Delays are also high for through and left-turns from the side-street stop-controlled intersections.

At Foothills Boulevard, the overall average intersection delay is mostly influenced by eastbound and westbound through and left-turn delays.

**Table 4.17-3. Level of Service – Existing Conditions**

|   | Intersection                                              | Control Type | Peak Hour           | Delay <sup>[1][2]</sup> | LOS   |
|---|-----------------------------------------------------------|--------------|---------------------|-------------------------|-------|
| 1 | Pleasant Grove Boulevard & Woodcreek Oaks Boulevard       | Signal       | AM                  | 43                      | D     |
|   |                                                           |              | PM                  | 35                      | D     |
| 2 | Pleasant Grove Boulevard & Birkdale Drive /Retreat Way    | SSSC         | AM                  | 2 (79)                  | A (F) |
|   |                                                           |              | PM                  | 2 (268)                 | A (F) |
| 3 | Pleasant Grove Boulevard & Country Club Drive             | Signal       | AM                  | 10                      | B     |
|   |                                                           |              | PM                  | 20                      | B     |
| 4 | Pleasant Grove Boulevard & Laporte Drive /Hemingway Drive | SSSC         | AM                  | 2 (204)                 | A (F) |
|   |                                                           |              | PM                  | 10 (>300)               | B (F) |
| 5 | Pleasant Grove Boulevard & Misty Wood Drive               | SSSC         | AM                  | 1 (37)                  | A (E) |
|   |                                                           |              | PM                  | 4 (278)                 | A (F) |
| 6 | Pleasant Grove Boulevard & Foothills Boulevard            | Signal       | AM                  | 44                      | D     |
|   |                                                           |              | PM <sup>[3,4]</sup> | 58                      | E     |

SSSC = side street stop-sign-controlled intersection; LOS = level of service

Excessive delays greater than 300 seconds are reported as ">300" seconds due to model's inability to produce reasonable delay estimates under high volume, near-capacity conditions

**Table 4.17-3. Level of Service – Existing Conditions**

| <b>Intersection</b> | <b>Control Type</b> | <b>Peak Hour</b> | <b>Delay <sup>[1][2]</sup></b> | <b>LOS</b> |
|---------------------|---------------------|------------------|--------------------------------|------------|
|---------------------|---------------------|------------------|--------------------------------|------------|

Notes:

1. For signalized intersections, average intersection delay is reported in seconds per vehicle for all approaches. For side street stop-sign-controlled intersections, intersection delay is reported in seconds per vehicle for the overall intersection and (worst-case) movement.
2. Unless otherwise noted, intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 6th Edition (Transportation Research Board, 2016).
3. LOS analysis was completed using the SimTraffic 11 micro-simulation model
4. Existing PM LOS result was sourced from the Transportation Impact Study for the Roseville Housing Element Update (2021)

Source: Fehr & Peers 2021

#### **4.17.1.6 Existing Plus Project Conditions**

This section analyzes the impacts of the proposed Project under EPP Conditions, which represents Existing conditions with the addition of the Project as described in Section 2.0 Project Description.

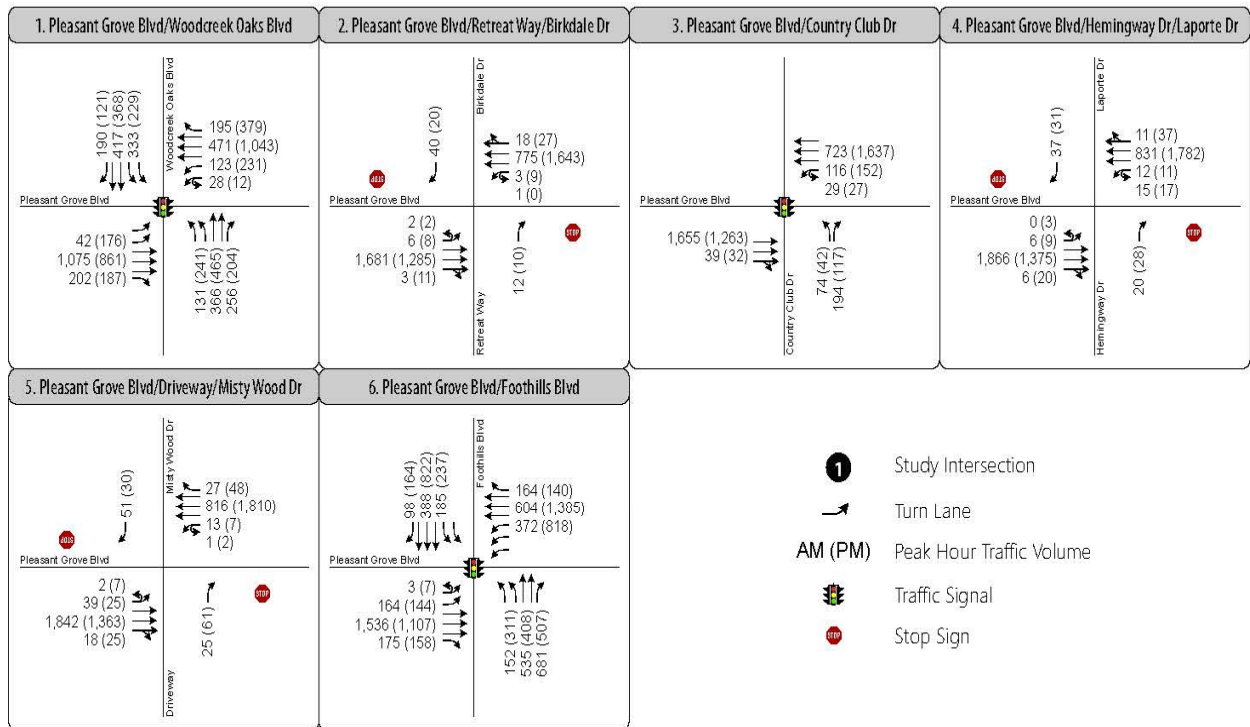
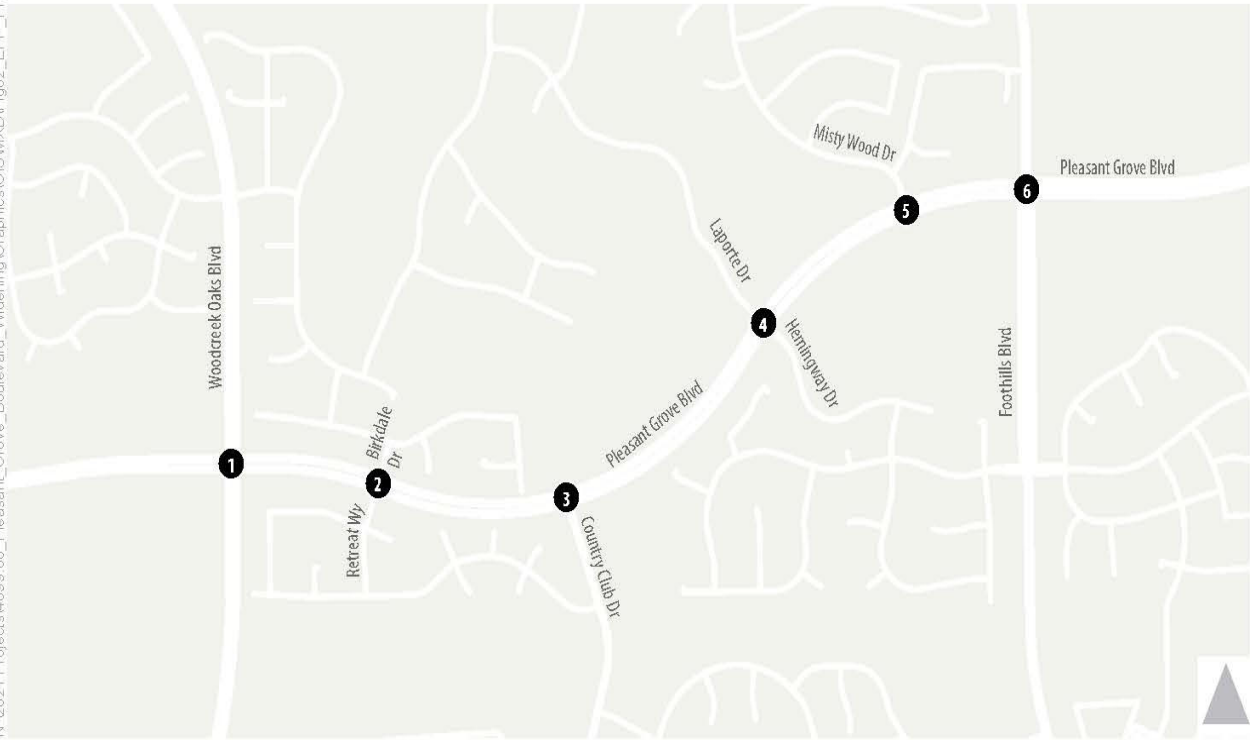
##### **Traffic Volumes**

To isolate the effects of the Project without any induced travel demand, the EPP turning traffic volumes used in this analysis are representative of the Existing volumes applied to the proposed project geometry.

Figure 4.17-2 shows the EPP AM and PM peak hour turning volumes and lane configurations at the study intersections. As shown, under the proposed Project, movements at the three existing side street stop-sign-controlled intersections would be restricted to right-turns only. Vehicles previously traveling straight or turning left were instead assumed to turn right and perform a U-turn at a nearby downstream intersection.

##### **Level of Service**

Table 4.17-4 displays EPP AM and PM peak hour operations at the study intersections along Pleasant Grove Boulevard compared to Existing Conditions. Details are included in the Traffic Study Technical Appendix (see IS/MND Appendix H). The analysis utilized existing traffic signal timing (cycle lengths, splits, and coordination offsets).



Source: Fehr Peers

| <b>Table 4.17-4: Level of Service – Existing Plus Project Conditions</b> |                                                       |                     |                     |                              |            |                              |            |
|--------------------------------------------------------------------------|-------------------------------------------------------|---------------------|---------------------|------------------------------|------------|------------------------------|------------|
| <b>Intersection</b>                                                      |                                                       | <b>Control Type</b> | <b>Peak Hour</b>    | <b>Existing</b>              |            | <b>Existing Plus Project</b> |            |
|                                                                          |                                                       |                     |                     | <b>Delay<sup>[1,2]</sup></b> | <b>LOS</b> | <b>Delay<sup>[1,2]</sup></b> | <b>LOS</b> |
| 1                                                                        | Pleasant Grove Boulevard & Woodcreek Oaks Boulevard   | Signal              | AM                  | 43                           | D          | 37                           | D          |
|                                                                          |                                                       |                     | PM                  | 35                           | D          | 32                           | C          |
| 2                                                                        | Pleasant Grove Boulevard & Birkdale Drive/Retreat Way | SSSC                | AM                  | 2 (79)                       | A (F)      | 0 (26)                       | A (D)      |
|                                                                          |                                                       |                     | PM                  | 2 (268)                      | A (F)      | 0 (26)                       | A (D)      |
| 3                                                                        | Pleasant Grove Boulevard & Country Club Drive         | Signal              | AM                  | 10                           | B          | 8                            | A          |
|                                                                          |                                                       |                     | PM                  | 20                           | B          | 9                            | A          |
| 4                                                                        | Pleasant Grove Boulevard & Laporte Dr/Hemingway Drive | SSSC                | AM                  | 2 (204)                      | A (F)      | 1 (36)                       | A (E)      |
|                                                                          |                                                       |                     | PM                  | 10 (>300)                    | B (F)      | 1 (30)                       | A (D)      |
| 5                                                                        | Pleasant Grove Boulevard & Misty Wood Drive           | SSSC                | AM                  | 1 (37)                       | A (E)      | 1 (32)                       | A (D)      |
|                                                                          |                                                       |                     | PM                  | 4 (278)                      | A (F)      | 1 (36)                       | A (E)      |
| 6                                                                        | Pleasant Grove Boulevard & Foothills Boulevard        | Signal              | AM                  | 44                           | D          | 43                           | D          |
|                                                                          |                                                       |                     | PM <sup>[3,4]</sup> | 58                           | E          | 48                           | D          |

SSSC = side street stop-sign-controlled intersection; LOS = level of service

Excessive delays greater than 300 seconds are reported as ">300" seconds due to model's inability to produce reasonable delay estimates under high volume, near-capacity conditions

Values shown in **bold** indicate a degradation from above, to below LOS C

Notes:

1. For signalized intersections, average intersection delay is reported in seconds per vehicle for all approaches. For side street stop-sign-controlled intersection, intersection delay is reported in seconds per vehicle for the overall intersection and (worst-case) movement.
2. Unless otherwise noted, intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 6th Edition (Transportation Research Board, 2016).
3. LOS analysis was completed using the SimTraffic 11 micro-simulation model
4. Existing PM LOS result was sourced from the Transportation Impact Study for the Roseville Housing Element Update (2021)

Source: Fehr & Peers 2022

Results show reductions in overall delay at the three signalized intersections. As these results do not incorporate any induced travel demand on the study segment due to the widening, delay would be expected to increase over time as motorists begin to utilize the additional capacity.

The reductions in delay for the worst-case movements at the side-street stop-controlled intersections shown under the EPP Conditions can primarily be attributed to the removal of outbound through and left-turn movements.



#### 4.17.1.7 Cumulative (2035) No Project Conditions

This section analyzes the impacts of the proposed Project under CNP Conditions, which assumes planned City of Roseville capital improvements and development of numerous reasonable and foreseeable land uses in the study area. This scenario assumes no widening of Pleasant Grove Boulevard.

#### **Traffic Volumes**

The City of Roseville Cumulative (2035) travel demand model already includes this Project's widening of Pleasant Grove Boulevard. Therefore, to derive CNP forecasts, the widening of Pleasant Grove Boulevard was *removed* from the model and forecasts were regenerated.

Figure 4.17-3 shows the CNP AM and PM peak hour turning volumes and lane configurations at the study intersections. A third northbound through lane and a fourth southbound through lane are assumed at the Pleasant Grove Boulevard/Foothills Boulevard intersection consistent with the City's Capital Improvement Program.

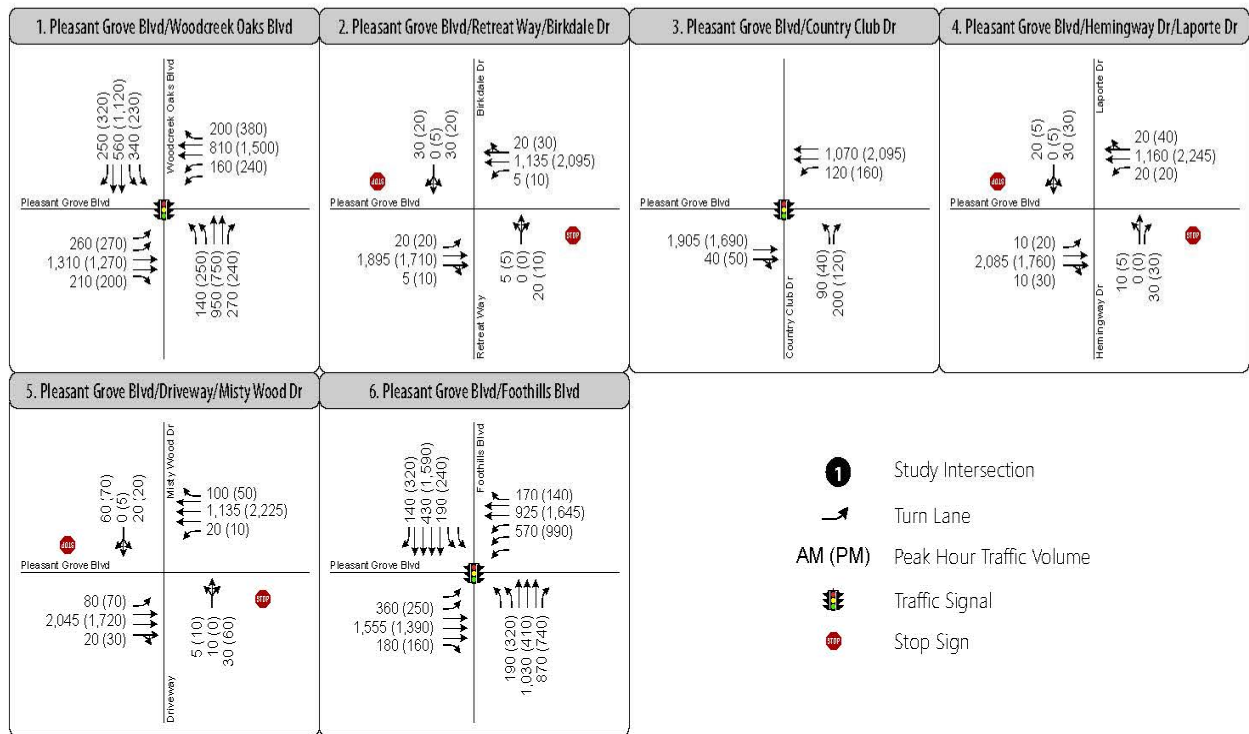
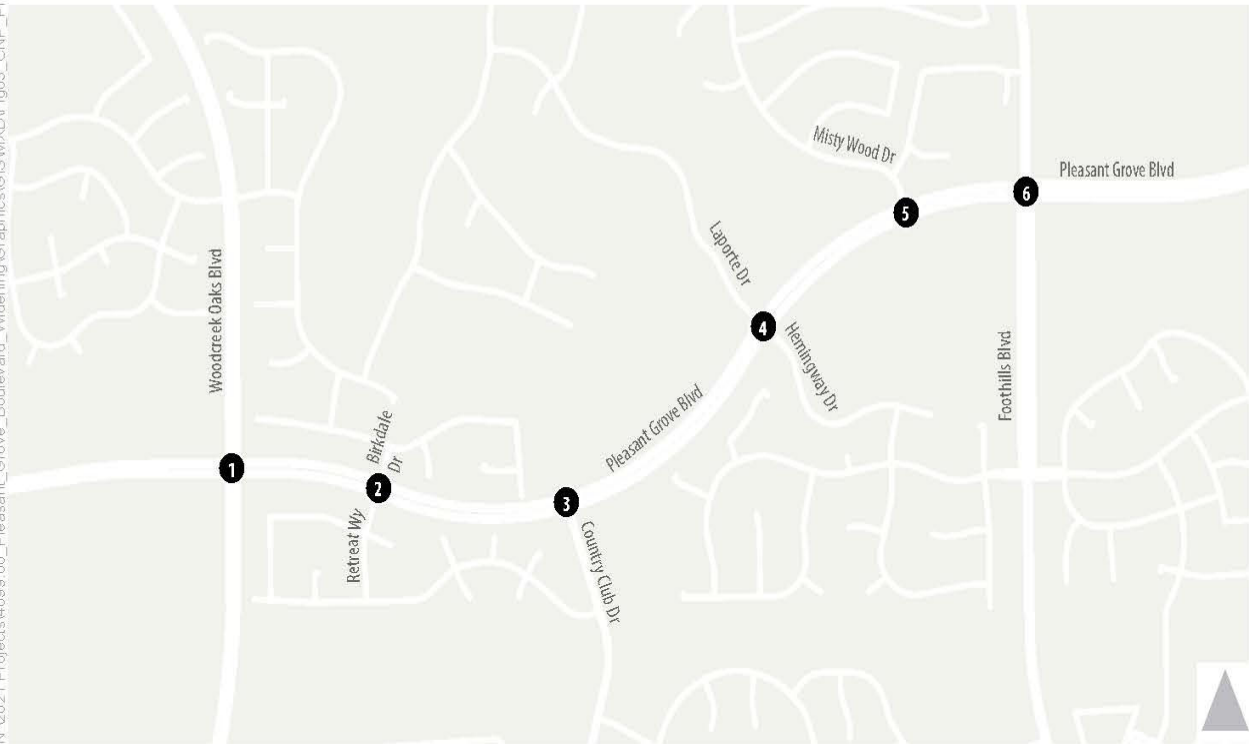
#### **Average Daily Traffic**

Table 4.17-5 shows the ADT calculated for CNP Conditions and compared to Existing ADT measurements.

| <b>Table 4.17-5. ADT – Cumulative No Project Conditions</b> |                                     |                                           |               |
|-------------------------------------------------------------|-------------------------------------|-------------------------------------------|---------------|
| <b>Location on Pleasant Grove Boulevard</b>                 | <b>Existing (2020) Daily Volume</b> | <b>Cumulative No Project Daily Volume</b> | <b>Growth</b> |
| West of Woodcreek Oaks Boulevard                            | 31,500                              | 41,900                                    | +10,400       |
| Woodcreek Oaks Boulevard to Birkdale Drive/Retreat Way      | 36,600                              | 39,900                                    | +3,300        |
| Birkdale Dr/Retreat Way to Country Club Drive               | 37,100                              | 39,600                                    | +2,500        |
| Country Club Drive to Laporte Drive/Hemingway Drive         | 39,400                              | 44,800                                    | +5,400        |
| Misty Wood Drive to Foothills Boulevard                     | 41,200                              | 43,500                                    | +2,300        |
| East of Foothills Boulevard                                 | 52,000                              | 54,000                                    | +2,000        |

ADT values are rounded to the nearest 100 vehicles.

Source: Fehr & Peers 2021



Source: Fehr Peers

In review of the model output, increases between Existing to CNP conditions on the order of 10,000 ADT or more were observed on parallel arterials. In contrast, modest traffic growth in the range of 1,000 to 3,000 ADT is forecast on Pleasant Grove Boulevard between Woodcreek Oaks Boulevard and Foothills Boulevard. This indicates that without the project, the roadway would lack the capacity for a proportional increase in traffic (similar to the parallel roadways) under Cumulative conditions.

### Level of Service

Table 4.17-6 displays CNP AM and PM peak hour operations at the study intersections along Pleasant Grove Boulevard compared to Existing Conditions. Details are included in the Traffic Report Technical Appendix (see IS/MND Appendix H). The three traffic signals were coordinated with a cycle length of 150 seconds (AM) and 160 seconds (PM).

| <b>Table 4.17-6: Level of Service – Cumulative No Project Conditions</b> |                                                           |                     |                     |                               |            |                               |            |
|--------------------------------------------------------------------------|-----------------------------------------------------------|---------------------|---------------------|-------------------------------|------------|-------------------------------|------------|
| <b>Intersection</b>                                                      |                                                           | <b>Control Type</b> | <b>Peak Hour</b>    | <b>Existing</b>               |            | <b>Cumulative No Project</b>  |            |
|                                                                          |                                                           |                     |                     | <b>Delay <sup>[1,2]</sup></b> | <b>LOS</b> | <b>Delay <sup>[1,2]</sup></b> | <b>LOS</b> |
| 1                                                                        | Pleasant Grove Boulevard & Woodcreek Oaks Boulevard       | Signal              | AM                  | 43                            | D          | 50                            | D          |
|                                                                          |                                                           |                     | PM                  | 35                            | D          | 57                            | E          |
| 2                                                                        | Pleasant Grove Boulevard & Birkdale Drive /Retreat Way    | SSSC                | AM                  | 2 (79)                        | A (F)      | 21 (>300)                     | C (F)      |
|                                                                          |                                                           |                     | PM                  | 2 (268)                       | A (F)      | 41 (>300)                     | E (F)      |
| 3                                                                        | Pleasant Grove Boulevard & Country Club Drive             | Signal              | AM                  | 10                            | B          | 17                            | B          |
|                                                                          |                                                           |                     | PM                  | 20                            | B          | 14                            | B          |
| 4                                                                        | Pleasant Grove Boulevard & Laporte Drive /Hemingway Drive | SSSC                | AM                  | 2 (204)                       | A (F)      | 32 (>300)                     | D (F)      |
|                                                                          |                                                           |                     | PM                  | 10 (>300)                     | B (F)      | 117 (>300)                    | F (F)      |
| 5                                                                        | Pleasant Grove Boulevard & Misty Wood Drive               | SSSC                | AM                  | 1 (37)                        | A (E)      | 90 (>300)                     | F (F)      |
|                                                                          |                                                           |                     | PM                  | 4 (278)                       | A (F)      | 145 (>300)                    | F (F)      |
| 6                                                                        | Pleasant Grove Boulevard & Foothills Boulevard            | Signal              | AM                  | 44                            | D          | 57                            | E          |
|                                                                          |                                                           |                     | PM <sup>[3,4]</sup> | 58                            | E          | 135                           | F          |

SSSC = side street stop-sign-controlled intersection; LOS = level of service

Excessive delays of greater than 300 seconds are reported as ">300" seconds due to model's inability to produce reasonable delay estimates under high volume, near-capacity conditions

Values shown in **bold** indicate a degradation from above, to below LOS C

Notes:

1. For signalized intersections, average intersection delay is reported in seconds per vehicle for all approaches. For side street stop-sign-controlled intersections, intersection delay is reported in seconds per vehicle for the overall intersection and (worst-case) movement.
2. Unless otherwise noted, intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 6th Edition (Transportation Research Board, 2016).
3. LOS analysis was completed using the SimTraffic 11 micro-simulation model.
4. Existing PM LOS result was sourced from the Transportation Impact Study for the Roseville Housing Element Update (2021).

Source: Fehr & Peers 2022.

As shown, the increased demand under the Cumulative scenario would push most study intersections into LOS E or worse without the project creating conditions inconsistent with General Plan policy.

#### **4.17.1.8 Cumulative (2035) Plus Project Conditions**

This section presents the analysis of Project impacts under Cumulative Plus Projects (2035) (CPP) conditions.

##### **Traffic Volumes**

Forecasts for CPP conditions were derived from the Transportation Impact Study for the Roseville Housing Element Update (2021), as the cumulative scenario from that analysis is consistent with the CPP scenario for the proposed Pleasant Grove Boulevard Widening Project.

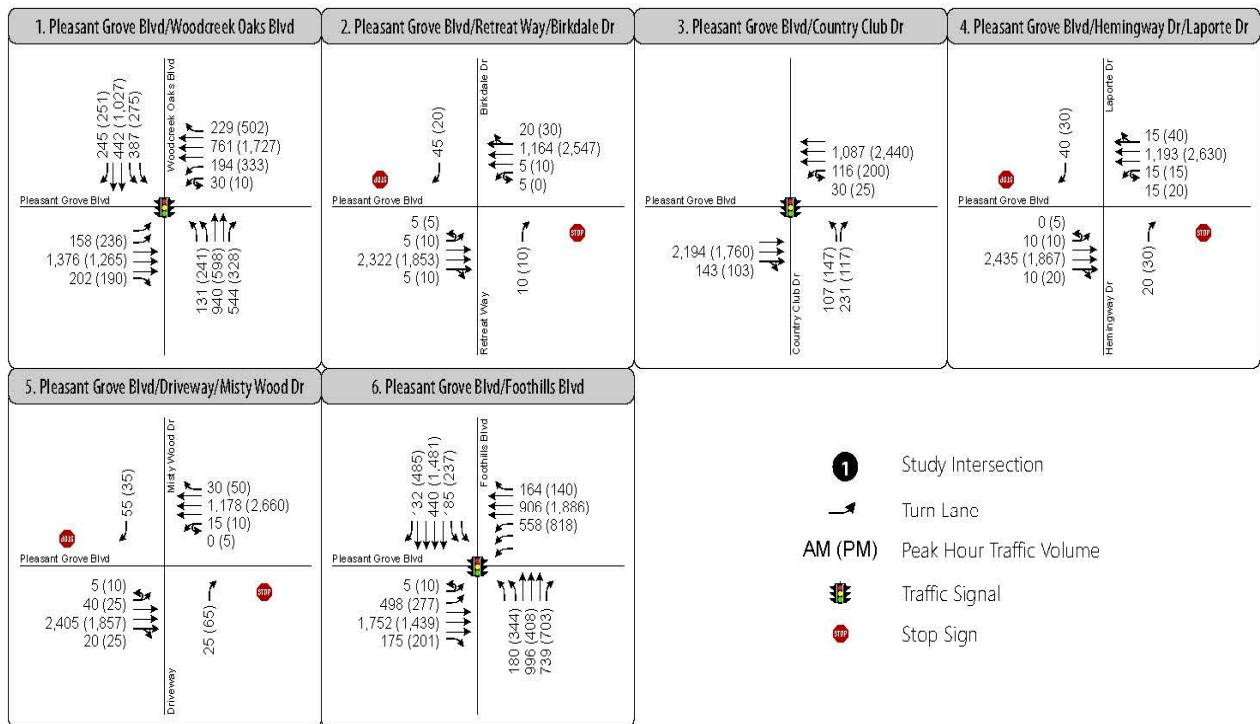
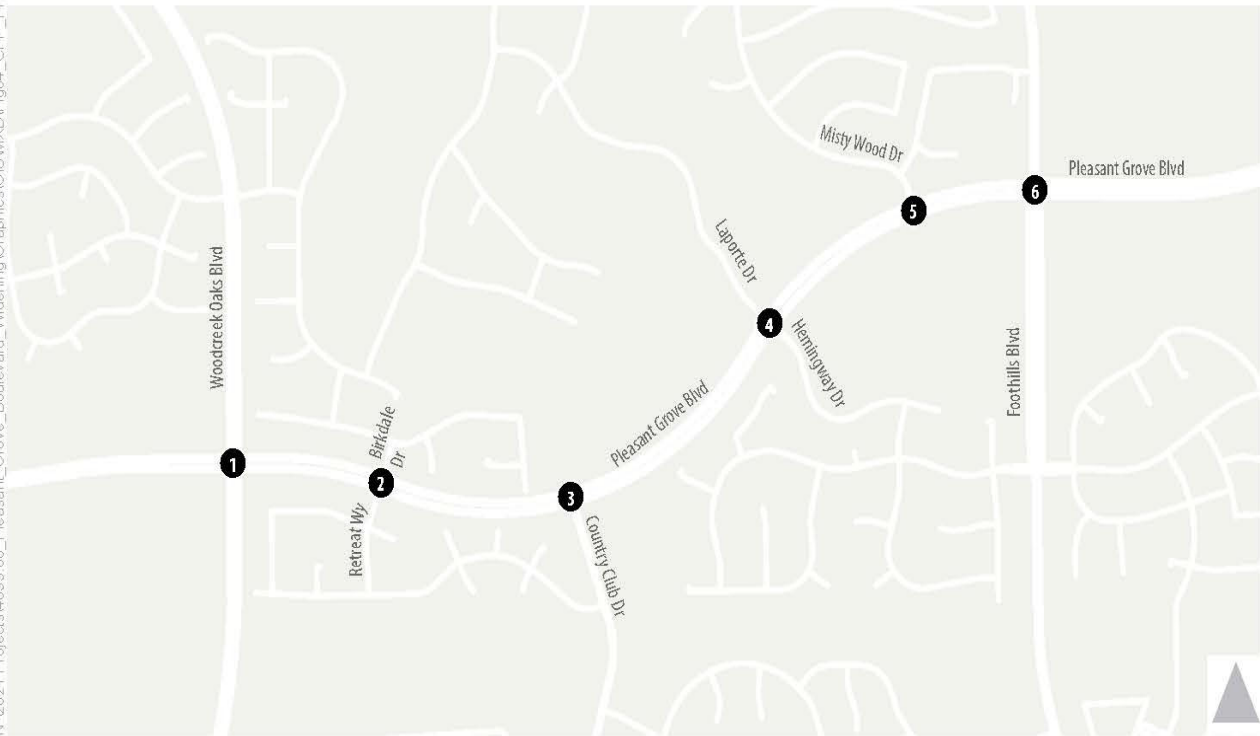
Figure 4.17-4 shows the CPP AM and PM peak hour turning volumes and lane configurations at the study intersections. While not included in the Project, a third northbound through lane and a fourth southbound through lane are assumed at the Pleasant Grove Boulevard/Foothills Boulevard intersection consistent with the City's Capital Improvement Program.

A comparison of Figures 4.17-3 to 4.17-4 indicates the following:

- The widening of Pleasant Grove Boulevard would increase eastbound AM peak hour trips by 430 vehicles and increase westbound PM peak hour trips by about 450 vehicles on the segment between Woodcreek Oaks Boulevard and Country Club Drive.
- Under Existing Plus Project Conditions, much of the increase on this segment was due to added traffic from Country Club Drive. However, under cumulative conditions, the increase is not associated with added traffic from Country Club Drive, but rather overall increases in through travel throughout the corridor. Note that the large increases in eastbound right-turns and northbound left-turns at Country Club Drive do not occur under Cumulative Plus Project conditions, likely because Pleasant Grove Boulevard is near capacity (from a model volume-to-capacity perspective) under cumulative conditions; hence, the model does not route traffic from Country Club Drive onto it.

##### **Average Daily Traffic**

Table 4.17-7 shows the ADT calculated for CPP Conditions as compared to CNP conditions.



Source: Fehr Peers

**Table 4.17-7. ADT – Cumulative Plus Project Conditions**

| Location on Pleasant Grove Boulevard                   | Cumulative No Project Daily Volume | Cumulative Plus Project Daily Volume | Project Delta |
|--------------------------------------------------------|------------------------------------|--------------------------------------|---------------|
| West of Woodcreek Oaks Boulevard                       | 41,900                             | 42,900                               | +1,000        |
| Woodcreek Oaks Boulevard to Birkdale Drive/Retreat Way | 39,900                             | 50,800                               | +10,900       |
| Birkdale Drive /Retreat Way to Country Club Drive      | 39,600                             | 50,600                               | +11,000       |
| Country Club Drive to Laporte Drive /Hemingway Drive   | 44,800                             | 53,100                               | +8,300        |
| Misty Wood Drive to Foothills Boulevard                | 43,500                             | 52,500                               | +9,000        |
| East of Foothills Boulevard                            | 54,000                             | 55,600                               | +1,600        |

ADT values are rounded to the nearest 100 vehicles.

Source: Fehr & Peers, 2021.

### **Level of Service**

Table 4.17-8 displays Cumulative (2035) AM and PM peak hour operations at the study intersections along Pleasant Grove Boulevard under "Plus Project" conditions compared to "No Project" Conditions. Details are included in the Traffic Study Technical Appendix (see IS/MND Appendix H). For this analysis, the three traffic signals were coordinated with a cycle length of 150 seconds (AM) and 160 seconds (PM).

**Table 4.17-8. Level of Service – Cumulative Plus Project Conditions**

|   | Intersection                                              | Control Type | Peak Hour | Cumulative No Project  |       | Cumulative Plus Project |       |
|---|-----------------------------------------------------------|--------------|-----------|------------------------|-------|-------------------------|-------|
|   |                                                           |              |           | Delay <sup>[1,2]</sup> | LOS   | Delay <sup>[1,2]</sup>  | LOS   |
| 1 | Pleasant Grove Boulevard & Woodcreek Oaks Boulevard       | Signal       | AM        | 50                     | D     | 49                      | D     |
|   |                                                           |              | PM        | 57                     | E     | 49                      | D     |
| 2 | Pleasant Grove Boulevard & Birkdale Drive/Retreat Way     | SSSC         | AM        | 21 (>300)              | C (F) | 1 (53)                  | A (F) |
|   |                                                           |              | PM        | 41 (>300)              | E (F) | 1 (65)                  | A (F) |
| 3 | Pleasant Grove Boulevard & Country Club Drive             | Signal       | AM        | 17                     | B     | 12                      | B     |
|   |                                                           |              | PM        | 14                     | B     | 12                      | B     |
| 4 | Pleasant Grove Boulevard & Laporte Drive /Hemingway Drive | SSSC         | AM        | 32 (>300)              | D (F) | 1 (84)                  | A (F) |
|   |                                                           |              | PM        | 117 (>300)             | F (F) | 1 (76)                  | A (F) |
| 5 | Pleasant Grove Boulevard & Misty Wood Drive               | SSSC         | AM        | 90 (>300)              | F (F) | 1 (65)                  | A (F) |
|   |                                                           |              | PM        | 145 (>300)             | F (F) | 2 (123)                 | A (F) |

| <b>Table 4.17-8. Level of Service – Cumulative Plus Project Conditions</b> |                                           |                     |                     |                               |            |                                |            |
|----------------------------------------------------------------------------|-------------------------------------------|---------------------|---------------------|-------------------------------|------------|--------------------------------|------------|
| <b>Intersection</b>                                                        |                                           | <b>Control Type</b> | <b>Peak Hour</b>    | <b>Cumulative No Project</b>  |            | <b>Cumulative Plus Project</b> |            |
|                                                                            |                                           |                     |                     | <b>Delay <sup>[1,2]</sup></b> | <b>LOS</b> | <b>Delay <sup>[1,2]</sup></b>  | <b>LOS</b> |
| 6                                                                          | Pleasant Grove Boulevard & Foothills Blvd | Signal              | AM                  | 57                            | E          | 55                             | D          |
|                                                                            |                                           |                     | PM <sup>[3,4]</sup> | 135                           | F          | 85                             | F          |

SSSC = side street stop-sign-controlled intersection; LOS = Level of Service

Excessive delays of greater than 300 seconds are reported as ">300" seconds due to model's inability to produce reasonable delay estimates under high volume, near-capacity conditions

Values shown in **bold** indicate a degradation from above, to below LOS C

Notes:

1. For signalized intersections, average intersection delay is reported in seconds per vehicle for all approaches. For side street stop-sign-controlled intersections, intersection delay is reported in seconds per vehicle for the overall intersection and (worst-case) movement.
2. Unless otherwise noted, intersection delay is calculated based on the procedures and methodology contained in the Highway Capacity Manual 6th Edition (Transportation Research Board, 2016).
3. LOS analysis was completed using the SimTraffic 11 micro-simulation model.

Source: Fehr & Peers, 2022.

The project would reduce Cumulative delay at all study intersections. However, despite the improvement, the Woodcreek Oaks Boulevard traffic signal would operate at LOS D during the AM and PM peak hours and the Foothills Boulevard traffic signal would operate at LOS D and LOS F for the AM and PM peak hours.

While the project would increase capacity at the Pleasant Grove Boulevard/Foothills Boulevard intersection by the addition of a westbound through lane, the travel on Pleasant Grove Boulevard induced by the widening would also increase demand by approximately 400 vehicles in the AM Peak Hour. Over 300 of these vehicles would be added to the eastbound approach, which already widens to three through lanes at the intersection. Under PM peak conditions, overall intersection delay remains high (85 seconds), although it would be an improvement compared to the CNP predicted delay. Note that the fourth southbound through lane assumed under the cumulative scenario enabled a large reduction in overall delay.

The reduction in delay from CNP to CPP for the SSSC intersections is primarily due to the prohibition of outbound through and left-turn movements.

**4.17.2 Transportation (XVII) Environmental Checklist and Discussion**

| <b>Would the Project:</b>                                                                                                                                | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

**No New Impact**

The GPU EIR concluded that transportation network changes called for by the General Plan Circulation Element, and land use and infrastructure changes resulting from buildout of the General Plan, would not conflict with the City's circulation system policy of at least 70 percent of signalized intersections achieving LOS C or better during the a.m. and p.m. peak hours.

As previously discussed, with the implementation of Senate Bill 743 in 2018, VMT replaced LOS as the significance criterion to be applied when analyzing the transportation impacts of a proposed land use or infrastructure project under CEQA. Accordingly, while LOS results reported in the GPU EIR may be compared to the City's LOS policy to evaluate performance for informational purposes, LOS results not meeting the City's LOS policy would not represent a significant impact under CEQA. Thus, according to the GPU EIR, planned City buildout consistent with the General Plan, would not conflict with adopted circulation system LOS policy.

As shown in **Tables 4.17-4 and 4.17-8**, and as discussed above and confirmed in the Traffic Study, under both EPP and CPP conditions, none of the study area intersections currently operating at or above LOS C would degrade below LOS C and thereby cause less than 70 percent of signalized intersections within the City from achieving LOS C or better during the a.m. and p.m. peak hours. As such, the Project is consistent with adopted City-wide LOS policy.

While consistent with City LOS policy for signalized intersections, only modest LOS improvements are expected within the Project limits following Project implementation under EPP conditions. This is primarily due to existing and projected high traffic volumes. For example, as shown in Table 4.17-4, of the three study area signalized intersections, only the Pleasant Grove Boulevard/Country Club Drive intersection would experience improved LOS under EPP conditions (improving from existing LOS B to LOS A in both the AM and PM Peak Hours). The Pleasant Grove Boulevard/Woodcreek Oaks Boulevard intersection would similarly experience improved LOS during the PM Peak Hour (improving from existing LOS D to LOS C), however the AM Peak Hour would remain at LOS D (with a three second delay improvement). The Pleasant Grove Boulevard/Foothills Boulevard intersection would similarly maintain EPP LOS D during the AM Peak Hour, however it would degrade from LOS E to D during the PM Peak Hour.

Under CPP conditions, as shown in Table 4.17-8, the Pleasant Grove Boulevard/Country Club Drive intersection would maintain LOS B during both the AM and PM Peak Hours. The Pleasant Grove Boulevard/Woodcreek Oaks Boulevard intersection would experience improved CPP LOS during the PM



Peak Hour (improving from CNP LOS E to CPP LOS D). However, the AM Peak Hour LOS would remain at D under both cumulative and CPP conditions. The Pleasant Grove Boulevard/Foothills Boulevard intersection would improve under CPP conditions from CNP LOS E to CPP LOS D during the AM Peak Hour. However, the Pleasant Grove Boulevard/Foothills Boulevard intersection would degrade from CNP LOS E to LOS D under CPP conditions. It should be noted that under future cumulative conditions without the Project, the Pleasant Grove Boulevard/Woodcreek Oaks Boulevard and the Pleasant Grove Boulevard/Foothills Boulevard intersections would degrade to LOS E and F respectively during the PM Peak Hour. The GPU EIR further concludes that General Plan buildout would not conflict with adopted policies, plans, or programs for transit, bicycle, or pedestrian facilities nor would it adversely affect performance or safety of such facilities. According to the GPU EIR, the General Plan contains provisions that will enhance these modes to encourage greater use of transit and more walking and bicycling in the future. All new facilities and facility improvements contained in the circulation element diagram would be constructed to applicable design standards, including the City's Design and Construction Standards (City of Roseville 2020), which have been created to minimize the potential for conflicts or collisions. Thus, the GPU EIR concludes that City buildout would not conflict with adopted policies, plans or programs regarding public transit, bicycle, or pedestrian facilities, or create or exacerbate disruptions to the performance or safety of these systems and related impacts were found to be less than significant. As presented in the setting section above, the Project Traffic Study is consistent with and further verifies these GPU EIR conclusions.

Because the proposed Project is also required to adhere to these same adopted policies, plans or programs, it would not conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle and pedestrian facilities. Thus, there would be **no new impact** and no mitigation is required.

| Would the Project:                                                                    | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|---------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| b) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

CEQA Guidelines Section 15064.3 subdivision (b) addresses the criteria for analyzing transportation impacts and establishes the VMT metric as the most appropriate measure of transportation impacts in a CEQA document.

The GPU EIR concludes that VMT generated under General Plan buildout is 15.5 VMT per capita under financially constrained network conditions and 14.9 VMT per capita under financially unconstrained network conditions. As discussed in the GPU EIR, these VMT exceed the final EIR significance threshold of 12.8 VMT per capita, even with application of all feasible mitigation. Thus, the GPU EIR finds VMT impacts of General Plan buildout to be a significant and unavoidable impact.

Within the Project limits, the Pleasant Grove Boulevard Widening Project is proposed consistent with the General Plan Circulation Element Capital Improvement Program and would be subject to the same General Plan goals, policies and implementation measures evaluated in the GPU EIR. As a road widening project, there are no new policies, programs or mitigation measures that can be feasibly applied to the Project to further reduce GPU EIR VMT impacts. Thus, the Project is found to be within the scope of the significant unavoidable VMT impact identified in the GPU EIR. There would be **no new impact** and no additional mitigation is required.

| Would the Project:                                                                                                                                               | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| c) Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

The GPU EIR finds that General Plan buildout would not increase hazards due to a design feature, incompatible uses, or inadequate emergency access. All new facilities and facility improvements identified in the circulation element would be constructed according to the City's Design and Construction Standards, which have been created to ensure a safe and reliable multi-modal network. As such, this impact was found to be less than significant in the GPU EIR.

The proposed Project is required to comply with the City's Design and Construction Standards which would ensure that roadway, pedestrian, and bicycle facilities are appropriately designed and constructed, that all roadway/pedestrian/bicycle uses are compatible, and that emergency access is appropriately provided during both construction and operation. As such, all Project improvements would be designed to minimize the potential for conflicts or collisions and therefore the Project would not increase hazards due to a design feature or incompatible uses. There would be **no new impact** due to a geometric design feature (e.g., sharp curves or dangerous intersections), incompatible use, or emergency access and no additional mitigation is required.

| Would the Project:                        | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| d) Result in inadequate emergency access? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

As discussed in response c) above, with implementation of applicable adopted policy, the GPU EIR concludes that General Plan buildout would not result in inadequate emergency access and related impacts were identified as less than significant.

Because the proposed Project is primarily limited to road widening and would be subject to the same adopted General Plan Policy, it would similarly not result in inadequate emergency access resulting in **no new impact**.

#### **4.17.3 Mitigation Measures**

No new significant impacts were identified, and no mitigation measures are required.

### **4.18 Tribal Cultural Resources**

This section summarizes results of AB52 Tribal Cultural Resources (TCRs) consultation conducted for the proposed Project by the City of Roseville.

#### **4.18.1 Environmental Setting**

##### ***4.18.1.1 Regulatory Setting***

##### **Assembly Bill 52**

Effective July 1, 2015, AB 52 amended CEQA to require that: 1) a lead agency provide notice to those California Native American tribes that requested notice of projects proposed by the lead agency; and 2) for any tribe that responded to the notice within 30 days of receipt with a request for consultation, the lead agency must consult with the tribe. Topics that may be addressed during consultation include TCRs, the potential significance of project impacts, type of environmental document that should be prepared, and possible mitigation measures and project alternatives.

Pursuant to AB 52, Section 21073 of the PRC defines California Native American tribes as "a Native American tribe located in California that is on the contact list maintained by the NAHC for the purposes of Chapter 905 of the Statutes of 2004." This includes both federally and non-federally recognized tribes.

Section 21074(a) of the PRC defines TCRs for the purpose of CEQA as:

- 1) Sites, features, places, cultural landscapes (geographically defined in terms of the size and scope), sacred places, and objects with cultural value to a California Native American tribe that are either of the following:
  - a. included or determined to be eligible for inclusion in the California Register of Historical Resources; and/or
  - b. included in a local register of historical resources as defined in subdivision (k) of Section 5020.1; and/or
  - c. a resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Section 5024.1. In applying the criteria set forth in subdivision (c) of Section 5024.1 for the purposes of this paragraph, the lead agency shall consider the significance of the resource to a California Native American tribe.

Because above criteria a and b also meet the definition of a Historical Resource under CEQA, a TCR may also require additional consideration as an Historical Resource. TCRs may or may not exhibit archaeological, cultural, or physical indicators.

Recognizing that California tribes are experts in their tribal cultural resources and heritage, AB 52 requires that CEQA lead agencies provide tribes that requested notification an opportunity to consult at the commencement of the CEQA process to identify TCRs. Furthermore, because a significant effect on a TCR is considered a significant impact on the environment under CEQA, consultation is used to develop appropriate avoidance, impact minimization, and mitigation measures.

### **United Auburn Indian Community**

The UAIC is a federally recognized Tribe comprised of both Miwok and Maidu (Nisenan) Tribal members who are traditionally and culturally affiliated with the project area. The Tribe has a deep spiritual, cultural, and physical ties to their ancestral land and are contemporary stewards of their culture and landscapes. The Tribal community represents a continuity and endurance of their ancestors by maintaining their connection to their history and culture. It is the Tribe's goal to ensure the preservation and continuance of their cultural heritage for current and future generations.

#### ***4.18.1.2 Summary of Tribal Consultation***

AB52 consultation requirements went into effect on July 1, 2015 for all projects that have not already published a Notice of Intent to Adopt a Negative Declaration or MND or published a Notice of Preparation of an EIR (Section 11 [c]). At the time the City of Roseville was ready to initiate CEQA review, it had received written requests to receive project notices from four California Native American Tribes, who identified themselves as being traditionally and culturally affiliated with the lands subject to City of Roseville jurisdiction: United Auburn Indian Community (UAIC), Tsi Akim Maidu, Lone Band of Miwok Indians, Shingle Springs Band of Miwok Indians.

On July 9, 2021, the City of Roseville determined that it had a complete project description and was ready to begin review under CEQA. The City subsequently mailed notification letters to each of the four tribes on July 13, 2021. In accordance with PRC Section 21080.3.1(d) of the PRC, responses to the offer to consult were requested by August 12, 2021. No response was received from Tsi Akim Maidu, Lone Band of Miwok Indians, Shingle Springs Band of Miwok Indians; therefore, no consultation occurred with these tribes.

UAIC conducted a records search for the identification of Tribal Cultural Resources for this project which included a review of pertinent literature and historic maps, and a records search using UAIC's Tribal Historic Information System (THRIS). UAIC's THRIS database is composed of UAIC's areas of oral history, ethnographic history, and places of cultural and religious significance, including UAIC Sacred Lands that are submitted to the Native American Heritage Commission (NAHC). The THRIS resources shown in this region also include previously recorded indigenous resources identified through the CHRIS as well as historic resources and survey data.

The UAIC responded to the City's request for consultation via email on August 4, 2021. In their response, UAIC indicated there would be no need for continued consultation as long as previously agreed to mitigation for unanticipated discoveries of potential tribal cultural resources is included in the Project's CEQA document. In an email reply dated August 4, 2021 from Terri Shirhall, City of Roseville Environmental Coordinator, the City agreed to include UAIC's preferred unanticipated discoveries mitigation measure along with other standard language UAIC recommends be included in CEQA document TCR sections, and consultation was concluded.

#### 4.18.2 Tribal Cultural Resources (XVIII) Environmental Checklist and Discussion

| Would the Project:                                                                                                                                                                                                                                                                                                                                                                                                        | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:                                              |                              |                                                       |                                                                     |                                     |
| i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k), or                                                                                                                                                                                                                            | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |
| ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1, the lead agency shall consider the significance of the resource to a California Native American Tribe. | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input checked="" type="checkbox"/>                                 | <input type="checkbox"/>            |

#### Less Than Significant Impact with Additional Mitigation

The GPU EIR concluded that General Plan buildout would result in development and infrastructure projects throughout the Planning Area that would involve earthmoving activities. The Planning Area and vicinity are known to have been heavily used by Native American groups prehistorically and UAIC has indicated that TCRs are located within the Planning Area. Existing General Plan policy and implementation measures would help to protect tribal cultural resources, however significant impacts to tribal cultural resources may still occur. Thus, the impact to Tribal Cultural Resources was found to be significant and unavoidable in the GPU EIR.

As discussed above, no tribal cultural resources were identified during AB52 Consultation. However, Project grading could result in the unanticipated disturbance to unknown tribal cultural resources, resulting in a potentially significant impact. Should this occur, as discussed in the GPU EIR, various General Plan policies and implementation measures addressing the unanticipated discovery would be implemented. As discussed above, during consultation the UAIC expressed a preference for a previously agreed to unanticipated discovery TCR mitigation measure, and the City found it to be equally as effective as applicable General Plan policy and related implementation measures. Thus, with implementation of Mitigation Measure TCR-1, the inadvertent discovery of tribal cultural resources would be a **less than significant impact with additional mitigation incorporated**.

#### **4.18.3 Mitigation Measures**

The following mitigation measure shall be implemented to address the evaluation and treatment of inadvertent/unanticipated discoveries of potential TCRs during Project ground disturbing activities.

**TCR-1: Stop Work in the Event of Unanticipated Discovery of Potential Tribal Cultural Resources (TCRs)**

If any suspected TCRs are discovered during ground disturbing construction activities, all work shall cease within 100 feet of the find, or an agreed upon distance based on the project area and nature of the find. A Tribal Representative from a California Native American tribe that is traditionally and culturally affiliated with a geographic area shall be immediately notified and shall determine if the find is a TCR (PRC Section 21074). The Tribal Representative will make recommendations for further evaluation and treatment as necessary.

Preservation in place is the preferred alternative under CEQA and UAIC protocols, and every effort must be made to preserve the resources in place, including through project redesign. Culturally appropriate treatment may be, but is not limited to, processing materials for reburial, minimizing handling of cultural objects, leaving objects in place within the landscape, returning objects to a location within the project area where they will not be subject to future impacts. The Tribe does not consider curation of TCRs to be appropriate or respectful and request that materials not be permanently curated, unless approved by the Tribe.

The contractor shall implement any measures deemed by the CEQA lead agency to be necessary and feasible to preserve in place, avoid, or minimize impacts to the resource, including, but not limited to, facilitating the appropriate tribal treatment of the find, as necessary. Treatment that preserves or restores the cultural character and integrity of a Tribal Cultural Resource may include Tribal Monitoring, culturally appropriate recovery of cultural objects, and reburial of cultural objects or cultural soil.

Work at the discovery location cannot resume until all necessary investigation and evaluation of the discovery under the requirements of the CEQA, including AB 52, has been satisfied.

## **4.19 Utilities and Service Systems**

### **4.19.1 Environmental Setting**

The following discussion is derived from the GPU EIR and provides an overview of the utility and service systems that operate within the City of Roseville.

#### **4.19.1.1 Water Service**

The City of Roseville Environmental Utilities Department provides water service to the majority of customers within the City limits. Some areas within the City limits are supplied by either Citrus Heights Water District, San Juan Water District, or Placer County Water Agency where it is feasible and beneficial to do so. The City's water supply includes primarily surface water from Folsom Lake, supplemented by groundwater. The City's water distribution system includes raw water facilities to deliver surface water supplies to the City's water treatment plant and the potable water facilities, which deliver potable water to City water customers. In addition to the potable water system, the City also operates a recycled water distribution system which is used primarily for irrigation purposes.

#### **4.19.1.2 Wastewater**

The City of Roseville Environmental Utilities Department provides wastewater collection and treatment services within the City limits. The City's sanitary sewer collection system includes gravity sewer lines, force mains, and lift station. The wastewater collection and conveyance system consist of 782 miles sewer pipe ranging in size of 4 to 72 inches in diameter and 16 neighborhood lift stations. Wastewater from the City is currently treated at the Dry Creek and the Pleasant Grove Wastewater Treatment Plants. Both regional facilities are owned and operated by the City of Roseville on behalf of the Regional Partners consisting of the City, the South Placer Municipal Utility District, and portions of unincorporated Placer County (primarily Morgan Creek, Granite Bay and Sunset Industrial Area). A small portion of the City service area flows to the Sacramento Area Sanitation District and is treated at the Sacramento Regional Wastewater Treatment Plant. This area consists of approximately 350 residential dwelling units.

#### **4.19.1.3 Solid Waste**

Roseville, along with the City of Lincoln, City of Rocklin, and Placer County formed the Western Placer Waste Management Authority that provides for solid waste management. Under this agreement, the Western Placer Waste Management Authority is assigned the lead role in cooperative policy making with respect to solid waste issues. The Western Placer Waste Management Authority owns and operates the Western Regional Sanitary Landfill, located at 3195 Athens Road in unincorporated Placer County, which serves the western portion of the County, including Roseville. Collection of solid waste within the City is conducted by Roseville's Environmental Utilities Department.

#### 4.19.1.4 Electricity

The City of Roseville Electric Department provides electrical service to customers within the City limits. Roseville Electric infrastructure consists of transmission and generation facilities, sub-transmission and substation facilities, and distribution facilities that serve existing development.

#### 4.19.1.5 Natural Gas

PG&E is the natural gas service provider for the City of Roseville. PG&E's underground transmission pipelines are located throughout City rights-of-way and other easements to serve existing development.

### 4.19.2 Utilities and Service Systems (XIX) Environmental Checklist and Discussion

| Would the Project:                                                                                                                                                                                                                                                                   | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

The GPU EIR concluded that General Plan buildout would require the relocation of or the construction of new or expanded water and wastewater infrastructure, stormwater drainage facilities, and electrical and natural gas infrastructure, however adopted mitigating policies and measures, where necessary, would serve to reduce or avoid most impacts to a less-than-significant level.

Utility extensions and minor relocations when in conflict with Project improvements are included as part of the Project as discussed in Project Description Section 1.4.1.6, Utility Relocations. Planned utility relocations would consist primarily of adjusting lids to grade as necessary to conform with grading and extending water, storm drain, electric and fiber utilities currently stubbed on the south side of Pleasant Grove Boulevard to the north side to serve a planned City groundwater well located west of Misty Wood Park (Figure 2-3). In addition, electric distribution facilities and a recycled water line may require minor relocation were road widening occurs outside of the existing roadway prism near the northeast corner of the Foothills Boulevard/Pleasant Grove Boulevard intersection. Because the project is limited to road widening, it would not create significant new demands for new or expanded utility services. The only exception includes minor expansion of the existing onsite Pleasant Grove Boulevard stormwater drainage system as necessary to accommodate additional runoff generated from newly paved areas.

Although the Project would require the extension or relocation of certain utilities, all work would be conducted consistent with applicable General Plan policy and implementation measures. Therefore, the Project would not result in the relocation or construction of new or expanded water, wastewater



treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects. Thus, the Project is adequately addressed by the GPU EIR and there would be **no new impact** and no mitigation is required.

| <b>Would the Project:</b>                                                                                                                                  | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| b) Have sufficient water supplies available to serve the Project and reasonably foreseeable future development during normal, dry, and multiple dry years? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

The GPU EIR concluded that General Plan buildout would increase water demand. However, by adhering to the goals, policies, and implementation measures of the General Plan, as well as local and State laws and regulations, the City would ensure adequate water supply is available to meet future demand. The City's UWMP determined that water supply is projected to be sufficient in normal water years over the UWMP's 20-year planning period (i.e., 2015 to 2035). Although water supply in single-dry years and some multiple-dry years is insufficient to meet demand within the City service area over the 20- year planning period, water conservation and/or groundwater use will ensure sufficient water supplies are available to meet demands. Therefore, this impact was found to be less than significant by the GPU EIR.

While the Project would require temporary water use during construction and grading operations, it would adhere to all applicable water supply General Plan policy and implementation measures. Furthermore, as a road widening project, it would not create in an increase in long-term water demand. Thus, sufficient water supplies would be available to serve project construction needs and foreseeable future development during normal, dry, and multiple dry years, as outlined in the GPU EIR. Thus, there would be **no new impact** and no mitigation is required.

| <b>Would the Project:</b>                                                                                                                                                                                                          | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| c) Result in a determination by the wastewater treatment provider, which serves or may serve the Project that it has adequate capacity to serve the Project's projected demand in addition to the provider's existing commitments? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

The GPU EIR concluded that General Plan buildout would result in new residential, commercial, office, and industrial development that would generate additional wastewater that increases demand for wastewater treatment. However, by adhering to adopted General Plan goals, policies, and implementation measures,

the City would ensure adequate wastewater treatment capacity is available to meet future demand. Therefore, the GPU EIR found this impact to be less than significant.

As a road widening Project, it would not generate wastewater or create additional demand for wastewater treatment. Thus, there would be **no new impact** and no mitigation is required.

| Would the Project:                                                                                                                                                                      | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| d) Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

The GPU EIR concluded that General Plan buildout would accommodate an increase in population and employees. Future development would be required to comply with applicable federal, State, or local solid waste regulations or statutes. In addition, General Plan buildout would not generate solid waste in excess of state or local standards or in excess of capacity of local infrastructure. The Western Regional Sanitary Landfill has sufficient landfill capacity available to accommodate solid-waste disposal needs for development under the General Plan. Therefore, impacts related to sufficient landfill capacity and compliance with applicable statutes and regulations related to solid waste were found to be less than significant in the GPU EIR.

As a road widening Project, it would not generate significant amounts of solid waste nor would it create significant additional demand for solid waste disposal. All aspects of project construction would comply with related adopted General Plan policy and implementation measures. Thus, there would be **no new impact** and no mitigation is required.

| Would the Project:                                                                                                 | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|--------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

### No New Impact

The GPU EIR concluded that General Plan buildout would accommodate an increase in population and employees. Future development would be required to comply with applicable federal, State, or local solid waste regulations or statutes. In addition, General Plan buildout was found to not generate solid waste in excess of state or local standards or in excess of capacity of local infrastructure. The Western Regional Sanitary Landfill has sufficient landfill capacity available to accommodate solid-waste disposal needs for General Plan buildout. Therefore, impacts related to sufficient landfill capacity and compliance with

applicable statutes and regulations related to solid waste were found to be less than significant in the GPU EIR.

As a road widening Project, it would not generate significant amounts of solid waste nor would it create significant additional demand for solid waste disposal. Furthermore, as a City CIP project, all aspects of construction are required to comply with related adopted General Plan policy and implementation measures. Thus, there would be **no new impact** and no mitigation is required.

#### 4.19.3 Mitigation Measures

No new significant impacts were identified, and no mitigation measures are required.

### 4.20 Wildfire

#### 4.20.1 Environmental Setting

According to the Fire Hazard Severity Zone online viewer maintained by California Department of Forestry and Fire Protection (CAL FIRE, 2022.), the Project site is located in within a Local Responsibility Area with fire protection services are provided by the City of Roseville Fire Department. The nearest high fire hazard severity zone is located approximately 16 miles northeast near the City of Auburn.

#### 4.20.2 Wildfire (XX) Environmental Checklist and Discussion

**If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the Project:**

|                                                                                          | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| a) Substantially impair an adopted emergency response plan or emergency evacuation plan? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

#### No New Impact

According to the GPU EIR, City buildout would add additional traffic and residences requiring evacuation in case of an emergency. However, implementation of adopted General Plan policies would ensure conformance with local emergency-response programs and continued cooperation with emergency-response service providers. Thus, this impact was found to be less than significant in the GPU EIR.

As discussed above, the nearest high fire hazard severity zone is located approximately 16 miles northeast of the Project site near the City of Auburn. Thus, the Project site is not located within or near a state responsibility area, on lands classified as very high fire hazard, nor would the Project impair any related emergency response or evacuation plan. There would be **no new impact**.

**If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the Project:**

- b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose Project occupants to, pollutant concentrations from, a wildfire or the uncontrolled spread of a wildfire?

New  
Significant  
Impact☐Substantially  
More Severe  
Significant  
Impact☐Less than  
Significant  
Impact with  
Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

According to the GPU EIR, City buildout could potentially increase risk to fire for both people and property. However, implementation of proposed GPU policies and actions, along with existing regulations would ensure that people and structures would not be exposed to a significant risk of loss of injury involving fires. This impact was found to be less than significant by the GPU EIR.

As discussed above, the nearest high fire hazard severity zone is located approximately 16 miles northeast of the Project site near the City of Auburn. Thus, the Project site is not located within or near a state responsibility area nor would it, due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose the traveling public to, pollutant concentrations from, a wildfire or the uncontrolled spread of a wildfire. There would be **no new impact**.

**If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the Project:**

- c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

New  
Significant  
Impact☐Substantially  
More Severe  
Significant  
Impact☐Less than  
Significant  
Impact with  
Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

According to the GPU EIR, City buildout could potentially increase risk to fire for both people and property. However, implementation of proposed GPU policies and actions, along with existing regulations would ensure that people and structures would not be exposed to a significant risk of loss of injury involving fires. This impact was found to be less than significant by the GPU EIR.

As discussed above, the nearest high fire hazard severity zone is located approximately 16 miles northeast of the Project site near the City of Auburn. Thus, the Project site is not located within or near a state responsibility area, nor would it require the installation or maintenance of associated fire control infrastructure (i.e., roads, fuel breaks, emergency water sources, power lines or other utilities) that may

exacerbate fire risk or that may result in temporary or ongoing impacts to the environment. There would be **no new impact** and no mitigation is required.

**If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the Project:**

- d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

| New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact                 |
|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------|
| <input type="checkbox"/>     | <input type="checkbox"/>                              | <input type="checkbox"/>                                            | <input checked="" type="checkbox"/> |

**No New Impact**

According to the GPU EIR, City buildout could potentially increase risk to fire for both people and property. However, implementation of proposed GPU policies and actions, along with existing regulations would ensure that people and structures would not be exposed to a significant risk of loss of injury involving fires. This impact was found to be less than significant by the GPU EIR.

As discussed above, the nearest high fire hazard severity zone is located approximately 16 miles northeast of the Project site near the City of Auburn. Thus, the Project site is not located within or near a state responsibility area, nor would it expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes. Implementation of the City's Design and Construction Standards (City of Roseville 2020) ensures there would be **no new impact**.

#### **4.20.3 Mitigation Measures**

No new significant impacts were identified, and no mitigation measures are required.

## 4.21 Mandatory Findings of Significance

### 4.21.1 Mandatory Findings of Significance (XXI) Environmental Checklist and Discussion

| Does the Project:                                                                                                                                                                                                                                                                                                                                                                                                                                                   | New<br>Significant<br>Impact | Substantially<br>More Severe<br>Significant<br>Impact | Less than<br>Significant<br>Impact with<br>Additional<br>Mitigation | No<br>New<br>Impact      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-------------------------------------------------------|---------------------------------------------------------------------|--------------------------|
| a) Have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory? | <input type="checkbox"/>     | <input type="checkbox"/>                              | <input checked="" type="checkbox"/>                                 | <input type="checkbox"/> |

#### Less than Significant Impact with Additional Mitigation

As a road widening project with widening occurring primarily to the interior landscaped median, the Project has very minimal impact to sensitive species and/or their habitat. However, as discussed in Section 4.4 Biological Resources, the following special-status bird and bat wildlife species could be affected by tree removal and road construction activities: White-tailed kite (*Elanus leucurus*), Cooper's hawk (*Accipiter cooperii*), Swainson's hawk (*Buteo swainsoni*), Nuttall's woodpecker (*Dryobates nuttalli*), yellow-billed magpie (*Pica nuttalli*), Oak titmouse (*Baeolophus inornatus*), Townsend's big-eared bats (*Corynorhinus townsendii*), and Pallid bats (*Antrozous pallidus*). The GPU EIR finds that impacts to these species are primarily addressed by adopted General Plan Goals and Policies, combined with current laws and regulations, and GPU EIR mitigation measures 4.8-1 (Implement Measures for Special-Status Plants and Habitat) and 4.8-2 (Implementation Measure for Special-Status Wildlife). These mitigation measures are refined in this initial study as "project level" Mitigation Measures **BIO-1** and **BIO-2** and would ensure a **less than significant with additional mitigation**.

As indicated in Section 4.5 Cultural Resources, and Section 4.18, Tribal Cultural Resources, the Project is expected to avoid direct impacts to known cultural and tribal resources. Further, implementation of Mitigation Measure **TCR-1** would ensure potential impacts to unknown onsite tribal resources are protected to the degree feasible. Consistent with adopted City policy, should any cultural or tribal resources or human remains be encountered during construction, construction activities would be halted, and a professional archaeologist consulted. Similarly, implementation of Mitigation Measure **GEO-1** would ensure potential paleontological resource impacts are mitigated to less than significant. Thus, the Project would not cause a significant change to the quality of the environment and related impacts would be **less than significant with addition mitigation incorporated**.

**Does the Project:**

- b) Have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

New  
Significant  
Impact☐Substantially  
More Severe  
Significant  
Impact☐Less than  
Significant  
Impact with  
Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

All Project impacts were found to be less than significant, including air quality and greenhouse gas, and mitigation measures are only required for impacts to those special status wildlife species identified in response a) above (and for the protection of unknown tribal cultural resources and paleontological resources). The Project's cumulative impacts are less than significant and there would be **no new impact**.

**Does the Project:**

- c) Have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?

New  
Significant  
Impact☐Substantially  
More Severe  
Significant  
Impact☐Less than  
Significant  
Impact with  
Additional  
Mitigation☐No  
New  
Impact☒**No New Impact**

Potential impacts to human beings include increase in ambient noise during construction and increases in air emissions including PM (dust) during construction. These impacts were found to be temporary and less than significant. Implementation of the Project's Mitigation Monitoring Program will ensure compliance with related measures.

Based on analysis contained in this initial study, and the fact that the Project is limited road widening that would primarily occur into the existing Pleasant Grove Boulevard center median, no significant direct or indirect impacts to human beings are identified and related impacts were found to be less than significant. Therefore, Project construction and operation would not result in any substantial adverse effects on human beings and there would be **no new impact**.

## **5.0 LIST OF PREPARERS**

---

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## **5.5 Callander Associates, Arborist Report**

Amanda Hoffman, Job Captain

## 6.0 REFERENCES

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## **LIST OF APPENDICES**

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- Appendix B: Air Quality
- B-1: Air Quality and Greenhouse Gas Emissions Assessment for the Pleasant Grove Boulevard Widening Project
  - B-2: Air Quality Construction Emissions Model Outputs
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- Appendix C: Biological Resources Assessment for the Pleasant Grove Boulevard Widening Project
- Appendix D: Cultural Resources Inventory Report for the City of Roseville Pleasant Grove Boulevard Widening Project
- Appendix E: Paleontological Assessment Memorandum for the City of Roseville Pleasant Grove Boulevard Project, Placer County, California
- Appendix F: Phase I Environmental Site Assessment, Pleasant Grove Boulevard Widening Project, 7465 Foothills Boulevard
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## **APPENDIX B**

Notice of Intent

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DEVELOPMENT SERVICES DEPARTMENT  
311 Vernon Street, Roseville, CA 95678 (916) 774-5285

**NOTICE OF INTENT  
TO ADOPT A SUBSEQUENT MITIGATED NEGATIVE DECLARATION**

TO: Interested Parties  
FROM: City of Roseville  
DATE: November 7, 2022

**REGARDING: Pleasant Grove Boulevard Project Subsequent Initial Study/Mitigated Negative Declaration**

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Public Notice is hereby given that a Subsequent Initial Study/Mitigated Negative Declaration (environmental report) for the Pleasant Grove Boulevard Widening Project is available for public review.

**Project Location and Description:** The City of Roseville proposes to widen an approximate 1.3-mile section of Pleasant Grove Boulevard to address existing and expected future traffic congestion and improve circulation consistent with the City's Transportation System Capital Improvement Program.

The project consists of widening Pleasant Grove Boulevard from two to three lanes in each direction beginning approximately 1,500 feet east of Foothills Boulevard extending to approximately 700 feet west of Woodcreek Oaks Boulevard. Widening would primarily occur to the interior roadway median, which is sized to accommodate the additional travel lane, while preserving existing exterior curb, gutter, and sidewalk improvements.

**Document Review and Availability:** The public comment period will extend 32 days from November 7th to December 9, 2022. The document can be reviewed and/or downloaded from the City of Roseville website at the following link: <http://www.roseville.ca.us/PleasantGrove>

Copies of the Subsequent Initial Study/Mitigated Negative Declaration are also available for public review at the City of Roseville Permit Center, 311 Vernon Street, Roseville, CA 95678. To confirm business hours visit: [roseville.ca.us](http://www.roseville.ca.us) or call (916) 774-5285.

Written comments on the adequacy of the Subsequent Mitigated Negative Declaration must be received no later than 5:00 pm on December 9, 2022. During the public review period written comments may be provided to:

Terri Shirhall, Environmental Coordinator ([tshirhall@roseville.ca.us](mailto:tshirhall@roseville.ca.us))  
City of Roseville Development Services Department  
311 Vernon Street  
Roseville, CA 95678  
(916) 774-5536

**Table 4-1. Pleasant Grove Boulevard Widening Project**

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Implementation Actions and Timing                                                                                                                                                                                           | Implementation Responsibility                                  | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------|---------------------|----------|
| <b>Biological Resources</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                             |                                                                |                                                          |                     |          |
| <p><b>BIO-1: Construct the Project during the Nonbreeding Season or Conduct Pre-Construction Surveys for Nesting Migratory Birds and Raptors</b></p> <p>To the extent feasible, the City will remove trees and large shrubs during the nonbreeding season for migratory birds and raptors (generally between September 1 and February 28). If construction activities (including vegetation removal) cannot be confined to the nonbreeding season, the City will retain a qualified wildlife biologist with knowledge of the relevant species to conduct nesting surveys before the start of construction. The migratory bird and raptor nesting surveys will include a minimum of two separate surveys to look for active migratory bird and raptor nests. Surveys will include a search of all vegetation that provides suitable nesting habitat in the construction area. In addition, a 500-foot area in open space areas adjacent to the construction zone will be surveyed for raptors. For survey areas outside the project site, the biologist will walk areas where property access is authorized. For portions of the survey area</p> | <p><b>Action:</b></p> <p>Construct the Project during the Nonbreeding Season or Conduct Pre-Construction Surveys for Nesting Migratory Birds and Raptors</p> <p><b>Timing:</b></p> <p>Prior to and during construction.</p> | <p>City/Consultant</p> <hr/> <p>Initials</p> <hr/> <p>Date</p> | <p>City</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>      | CDFW                |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Implementation Actions and Timing | Implementation Responsibility | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
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| <p>without property access, the biologist will scan vegetation using binoculars from the project site or from the public road. One survey should be conducted no more than 14 days prior to construction and the second survey should be conducted within 48 hours of the start of construction or vegetation removal. If no active nests are detected during these surveys, no protective measures are required.</p> <p>If an active nest is found in the survey area, a no-disturbance buffer will be established around the nest site to avoid disturbance or destruction of the nest until the end of the breeding season (August 31) or after a qualified wildlife biologist determines that the young have fledged and moved out of the nesting substrate (this date varies by species). The extent of these buffers will be determined by the biologist and will depend on the level of construction disturbance, line of sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers. Suitable buffer distances may vary between species but will be established a minimum of 50 feet from active construction for passerine species and up to 500 feet for non-listed raptor species. A minimum buffer of 1,000 feet will be established for an active Swainson's hawk nest. If</p> |                                   |                               |                                                          |                     |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Implementation Actions and Timing                                                                                                                                       | Implementation Responsibility                                    | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|----------------------------------------------------------|---------------------|----------|
| site-specific conditions or the nature of the activity (e.g., steep topography, dense vegetation, or minimal construction activities) indicate that a smaller buffer could be used, the City will coordinate with CDFW to determine the appropriate buffer size.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                         |                                                                  |                                                          |                     |          |
| <p><b>BIO-2: Conduct Preconstruction Surveys for Roosting Bats and Implement Protection Measures</b></p> <p>To obtain the highest likelihood of detection, the following preconstruction bat surveys will be conducted within and adjacent to the construction area for each construction season. If the surveys determine that bats are roosting in the construction area, the City will implement the protective measures described below.</p> <p><b>Conduct Preconstruction Tree Surveys</b></p> <p>Prior to tree removal or pruning, qualified biologists will examine trees to be removed or pruned for suitable bat roosting habitat. High-value habitat features (e.g., large tree cavities, basal hollows, loose or peeling bark, and larger snags,) will be identified, and the area around these features will be searched for bats and bat sign (e.g., guano, culled insect parts, and</p> | <p><b>Action:</b></p> <p>Preconstruction Surveys for Roosting Bats and Implement Protection Measures</p> <p><b>Timing:</b></p> <p>Prior to and during construction.</p> | <p>Project Biologist</p> <hr/> <p>Initials</p> <hr/> <p>Date</p> | <p>City</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>      | CDFW                |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Implementation Actions and Timing | Implementation Responsibility | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
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| <p>staining). All mature broadleaf trees should be considered potential habitat for solitary foliage-roosting bat species.</p> <p>If bat sign is detected, biologists will conduct evening visual emergence survey of the source habitat feature, from a half hour before sunset to 1–2 hours after sunset for a minimum of 2 nights during the season that construction would be taking place. Night-vision goggles and/or full-spectrum acoustic detectors will be used during emergence surveys to assist in species identification. All emergence surveys will be conducted during favorable weather conditions (calm nights with temperatures conducive to bat activity and no precipitation predicted). Survey methodology may be supplemented as new research identifies advanced survey techniques and equipment that would aid in bat detections.</p> <p><b>Identify Protective Measures for Bats Using Trees</b></p> <p>If it is determined that bats are using trees within or adjacent to the construction area as roost sites, the City (or its designated contractor) will coordinate with CDFW to identify protective measures to avoid and minimize impacts on roosting bats based on the type of roost and timing of activities. These measures could include the following measures.</p> |                                   |                               |                                                          |                     |          |



City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Implementation Actions and Timing | Implementation Responsibility | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------|----------------------------------------------------------|---------------------|----------|
| <ul style="list-style-type: none"> <li>• If feasible, tree removal and pruning of trees containing an active roost will be avoided between April 1 and September 15 (the maternity period) to avoid impacts on reproductively active females and dependent young.</li> <li>• If a maternity roost is located, whether solitary or colonial, that roost will remain undisturbed until September 15 or until a qualified biologist has determined that the roost is no longer active.</li> <li>• If avoidance of nonmaternity roost trees is not possible, tree removal or pruning will be monitored by a qualified biologist. Prior to removal or pruning, the tree will be gently shaken, and several minutes should pass before felling trees or pruning limbs to allow bats time to arouse and leave the tree. The tree then will be removed in pieces, rather than felling the entire tree. The biologists will search downed vegetation for dead and injured bats. The presence of dead or injured bats that are species of special concern will be reported to CDFW.</li> </ul> <p><b>Conduct Preconstruction Surveys of Culverts</b></p> <p>Prior to any work to replace, extend, or remove culverts, a qualified biologist will inspect box and pipe culverts for the presence of roosting bats.</p> |                                   |                               |                                                          |                     |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Implementation Actions and Timing | Implementation Responsibility | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------|----------------------------------------------------------|---------------------|----------|
| <p>The biologist will conduct a daytime inspection/survey of box culverts for bat sign or occupancy to determine whether the structure is being used as a roost. The biologist conducting daytime surveys will listen for audible bat calls and will use the naked eye, binoculars, telescoping inspection mirror, and a high-powered spotlight to inspect culverts, and mud nests if present, for bats.</p> <p>Surfaces and the ground around the culvert will be surveyed for bat sign, such as guano, staining, and prey remains. Pipe culverts will be inspected from the exterior using the methods listed. If no suitable features are found, and no bats or bat sign are present, then a preconstruction survey within 24 hours prior to construction will be conducted. If suitable features are found, and bats or bat sign are present, additional surveys may be conducted to determine how the culvert is used by bats (i.e., whether it is used as a night roost, maternity roost, migration stopover, or for hibernation).</p> <p><b>Implement Protective Measures for Bats Using Culverts</b></p> <p>To avoid disturbance, injury, or mortality of bats utilizing culverts for roosting, the City (or its contractor) will conduct all work on these structures during the day (to the extent possible</p> |                                   |                               |                                                          |                     |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Implementation Actions and Timing                                                                 | Implementation Responsibility                                                 | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------|---------------------|----------|
| and where appropriate). If this is not possible, portable lights will be used to illuminate the roosting areas prior to and after sunset to deter bats from roosting during nights when work will occur.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   |                                                                               |                                                          |                     |          |
| <b>Geology and Soils</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                   |                                                                               |                                                          |                     |          |
| <b>GEO-1: Conduct Paleontological Monitoring</b><br>"Spot-check" monitoring by a qualified paleontologist shall be conducted where the depth of Project excavation exceeds 9 feet. This may occur during relocation of signal poles (up to 11 feet deep) and/or storm drain facilities (up to 9 feet deep). If Pleistocene alluvial deposits are visible at these depths, full-time monitoring shall be required for the remainder of excavations at these locations. If no Pleistocene alluvial deposits are visible at these depths, spot-checking may halt.<br>Should paleontological resources be found during excavation, the paleontologist shall have the authority to divert heavy machinery away from the find(s) until the scientific value of the fossil(s) can be assessed. If of scientific significance, all pertinent field data shall be collected, and the fossil(s) salvaged. The fossil(s) shall be transported to a laboratory facility for | <b>Action:</b><br>Conduct Paleontological Monitoring<br><br><b>Timing:</b><br>During construction | Project Paleontologist/<br>Contractor<br><br><hr/> Initials<br><br><hr/> Date | City<br><br><hr/> Initials<br><br><hr/> Date             |                     |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Implementation Actions and Timing                                                                                                                                      | Implementation Responsibility                                                    | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------------------------------------------------|---------------------|----------|
| cleaning and preparation prior to being transported and deposited in an accredited repository, such as the UCMP Berkeley, where they can be curated and made available for scientific study.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                        |                                                                                  |                                                          |                     |          |
| <b>Tribal Cultural Resources</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                        |                                                                                  |                                                          |                     |          |
| <p><b>TCR-1: Stop Work in the Event of Unanticipated Discovery of Potential Tribal Cultural Resources (TCRs)</b></p> <p>If any suspected TCRs are discovered during ground disturbing construction activities, all work shall cease within 100 feet of the find, or an agreed upon distance based on the project area and nature of the find. A Tribal Representative from a California Native American tribe that is traditionally and culturally affiliated with a geographic area shall be immediately notified and shall determine if the find is a TCR (PRC Section 21074). The Tribal Representative will make recommendations for further evaluation and treatment as necessary. Preservation in place is the preferred alternative under CEQA and United Auburn Indian Community (UAIC) protocols, and every effort must be made to preserve the resources in place, including through project redesign. Culturally</p> | <p><b>Action:</b></p> <p>Stop Work in the Event of Unanticipated Discovery of Potential Tribal Cultural Resources</p> <p><b>Timing:</b></p> <p>During construction</p> | <p>Project Archaeologist/ Contractor</p> <hr/> <p>Initials</p> <hr/> <p>Date</p> | <p>City</p> <hr/> <p>Initials</p> <hr/> <p>Date</p>      | UAIC                |          |

City of Roseville  
Pleasant Grove Boulevard Widening Project

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Implementation Actions and Timing | Implementation Responsibility | Responsibility for Oversight of Compliance/ Verification | Agency Coordination | Comments |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------------|----------------------------------------------------------|---------------------|----------|
| <p>appropriate treatment may be, but is not limited to, processing materials for reburial, minimizing handling of cultural objects, leaving objects in place within the landscape, returning objects to a location within the project area where they will not be subject to future impacts. The Tribe does not consider curation of TCRs to be appropriate or respectful and request that materials not be permanently curated, unless approved by the Tribe.</p> <p>The contractor shall implement any measures deemed by the CEQA lead agency to be necessary and feasible to preserve in place, avoid, or minimize impacts to the resource, including, but not limited to, facilitating the appropriate tribal treatment of the find, as necessary.</p> <p>Treatment that preserves or restores the cultural character and integrity of a Tribal Cultural Resource may include Tribal Monitoring, culturally appropriate recovery of cultural objects, and reburial of cultural objects or cultural soil.</p> <p>Work at the discovery location cannot resume until all necessary investigation and evaluation of the discovery under the requirements of the CEQA, including AB 52, has been satisfied.</p> |                                   |                               |                                                          |                     |          |

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PLEASANT GROVE BLVD WIDENING PROJECT  
FROM WOODCREEK OAKS BLVD  
TO FOOTHILLS BLVD  
CITY OF ROSEVILLE PROJECT # 500115

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ABBREVIATIONS:

|                                           |            |
|-------------------------------------------|------------|
| AGGREGATE BASE . . . . .                  | AB         |
| ANGLE POINT . . . . .                     | AP         |
| BACK OF WALK . . . . .                    | BOW        |
| BEGIN HORIZONTAL CURVE . . . . .          | BC         |
| BEGIN VERTICAL CURVE . . . . .            | BVC        |
| CURB, GUTTER AND SIDEWALK . . . . .       | C, G & SW  |
| DIAMETER . . . . .                        | Dia        |
| EDGE OF SHOULDER . . . . .                | ES         |
| END HORIZONTAL CURVE . . . . .            | EC         |
| EDGE OF PAVEMENT . . . . .                | EP         |
| EXISTING . . . . .                        | (E), Exist |
| FINISH GRADE . . . . .                    | FG         |
| FACE OF CURB . . . . .                    | FOC        |
| FLOW LINE. . . . .                        | FL         |
| HOT MIX ASPHALT . . . . .                 | HMA        |
| INVERT . . . . .                          | Inv        |
| LIP OF GUTTER . . . . .                   | LIP        |
| ORIGINAL GROUND . . . . .                 | OG         |
| PORTLAND CEMENT CONCRETE . . . . .        | PCC        |
| TEMPORARY CONSTRUCTION EASEMENT . . . . . | TCE        |
| STATION . . . . .                         | STA        |

LEGEND:

|                                                                                   |                                 |
|-----------------------------------------------------------------------------------|---------------------------------|
|   | FENCE LINE                      |
|   | OVERHEAD ELECTRICAL LINE        |
|   | UNDERGROUND ELECTRICAL LINE     |
|   | UNDERGROUND GAS LINE            |
|   | UNDERGROUND STORM DRAIN LINE    |
|   | UNDERGROUND SEWER LINE          |
|   | UNDERGROUND TELEPHONE LINE      |
|   | UNDERGROUND WATER LINE          |
|   | TEMPORARY CONSTRUCTION EASEMENT |
|  | BACKFLOW PREVENTION VALVE       |
|  | ELECTRIC PULL BOX               |
|  | ELECTRICAL TRANSFORMER          |
|  | FOUND MONUMENT                  |
|  | IRRIGATION VALVE                |
|  | LUMINAIRE                       |
|  | MANHOLE                         |
|  | MONUMENT (CITY OF ROSEVILLE)    |
|  | STORM DRAIN MANHOLE             |
|  | SEWER CLEANOUT                  |
|  | SIGN                            |
|  | SURVEY CONTROL POINT            |
|  | TRAFFIC SIGNAL CABINET          |
|  | TREE SYMBOL                     |
|  | TREE DRIP LINE                  |
|  | STORM DRAIN INLET               |
|  | WATER VALVE                     |

CITY OF ROSEVILLE  
DEPARTMENT OF PUBLIC WORKS

APPROVAL RECOMMENDED BY:

STEFANIE KEMEN, P.E.  
ENGINEERING MANAGER

DATE \_\_\_\_\_

APPROVED BY:

JASON SHYKOWSKI, P.E.  
PUBLIC WORKS DIRECTOR - RCE C50909

DATE \_\_\_\_\_

APPROVED BY:

TARA GEE  
PARK PLANNING & DEVELOPMENT SUPERINTENDENT

DATE \_\_\_\_\_

### LOCATION MAP

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL CALL  
"UNDERGROUND SERVICE ALERT" (USA)  
AT 800-227-2600 AT LEAST 2 WORKING DAYS  
PRIOR TO PERFORMING ANY EXCAVATION

## SUBMITTED BY:

TIMOTHY G. HAYES, P.E.  
RESPONSIBLE ENGINEER IN CHARGE - RCE C58986  
PSOMAS

DATE \_\_\_\_\_

| UTILITY REPRESENTATIVES              |                             |                  |                |
|--------------------------------------|-----------------------------|------------------|----------------|
| UTILITY                              | AGENCY                      | CONTACT          | PHONE          |
| ELECTRIC                             | CITY OF ROSEVILLE           | JOEY MCKINNEY    | (916) 774-5616 |
| ENVIRONMENTAL UTILITIES, WATER       | CITY OF ROSEVILLE           | MIKE SIMI        | (916) 774-5753 |
| ENVIRONMENTAL UTILITIES, WASTE WATER | CITY OF ROSEVILLE           | DAN PRUDEN       | (916) 746-7891 |
| STORM DRAIN                          | CITY OF ROSEVILLE           | CHRIS TAMEZ      | (916) 746-1300 |
| TRAFFIC (FIBER SIGNAL)               | CITY OF ROSEVILLE           | JEROME PASTOR    | (916) 746-1300 |
| CABLE & TELEPHONE                    | CONSOLIDATED COMMUNICATIONS | LARRY MONTGOMERY | (916) 786-1217 |
| CABLE                                | COMCAST                     | MARK DUBY        | (916) 830-6757 |
| NATURAL GAS                          | PACIFIC GAS AND ELECTRIC    | DARREN MILES     | (530) 889-5150 |
| TELECOMMUNICATIONS                   | TELEPACIFIC COMMUNICATIONS  | FRANCISCO BUSA   | (408) 380-0901 |

100% SUBMITTAL

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[illegible]

**BENCH MARK** ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

FIELD BOOK

ELEV. 121.55'

SCALE

|       |     |
|-------|-----|
| HORIZ | N/A |
|-------|-----|

VERT N/A

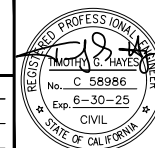


# PSOMAS

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023



# PLEASANT GROVE BOULEVARD WIDENING PROJECT TITLE SHEET

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GENERAL NOTES:

1. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF ROSEVILLE STANDARD SPECIFICATIONS (LATEST EDITION), AND THE CITY OF ROSEVILLE DESIGN AND CONSTRUCTION STANDARDS.
2. THE CITY OF ROSEVILLE IS A MEMBER OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ONE-CALL SYSTEM. THE CONTRACTORS OR ANY SUBCONTRACTOR FOR THIS CONTRACT SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 800-227-2600 AT LEAST 2 WORKING DAYS PRIOR TO PERFORMING ANY EXCAVATION.
3. THE CONTRACTOR SHALL MARK IN WHITE PAINT ALL AREAS TO BE EXCAVATED PRIOR TO CONTACTING U.S.A. ANY AREAS NOT MARKED WILL NOT BE SUBJECT TO U.S.A., AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM EXCAVATION.
4. THE CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION OF THE NEW IMPROVEMENTS CONNECTING TO OR IN THE VICINITY OF THE IMPROVEMENTS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS WITHIN THE CONSTRUCTION ZONE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS TO RESET DISTURBED MONUMENTS TO THE LATEST CITY STANDARDS.
6. THE CONTRACTOR SHALL PLACE BOXED SURVEY MONUMENTS WITH 1-1/2" BRONZE HEAD SET IN CONCRETE (STD. DWG. ST-36) AT LOCATIONS TO BE DETERMINED BY THE ENGINEER.
7. A.C. SURFACE SHALL BE CUT TO A NEAT, STRAIGHT LINE PARALLEL OR PERPENDICULAR WITH THE STREET CENTERLINE AND THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RECOMPACTED, AND RESEALED PRIOR TO PAVING.
8. ANY EXISTING CONCRETE SURFACE TO BE REMOVED SHALL BE SAW CUT TO A NEAT, STRAIGHT LINE.
9. DRAIN INLETS NOT WITHIN A PAVED AREA SHALL HAVE A 12" WIDE COLLAR OF 6" THICK P.C.C.
10. ALL UNDERGROUND UTILITIES WITHIN EXISTING OR PROPOSED CITY OF ROSEVILLE EASEMENTS SHALL REQUIRE A MINIMUM OF 90% COMPACTION ON THE TRENCH BACKFILL. COMPACTION OF BACKFILL BY JETTING IS NOT PERMITTED IN CITY OF ROSEVILLE RIGHT OF WAY AREAS OR WITHIN DEDICATED RECLAIMED WATER, STORM, SEWER OR WATER EASEMENTS AND MAINS.
11. PRIOR TO EXCAVATION OF TRENCHES 5 FEET OR DEEPER, THE CONTRACTOR SHALL SUBMIT TO THE PUBLIC WORKS DEPARTMENT AND ENVIRONMENTAL UTILITIES DEPARTMENT INSPECTOR A COPY OF THE COMPANY'S ANNUAL CALOSHA TRENCHING PERMIT AND A COPY OF THE COMPANY'S LETTER INFORMING CAL/OSHA OF THE TIME THE TRENCHING IS COMMENCING AND THE LOCATION OF THE WORK.
12. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT EXISTING SITE AND ADJACENT IMPROVEMENTS FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR MAKE REPLACEMENT OF ALL CRACKED AND OTHERWISE PRE-EXISTING DAMAGED PUBLIC IMPROVEMENTS ALONG THE FRONTAGE OF THE PROJECT SITE AND ANY DAMAGE RESULTING FROM CONSTRUCTION TO CURRENT CITY STANDARDS AND AT THEIR OWN EXPENSE. THE EXTENT OF THE REPAIRS SHALL BE DETERMINED BY THE PUBLIC WORKS INSPECTOR AND SHALL BE COMPLETED PRIOR TO THE CITY ACCEPTANCE OF THE IMPROVEMENTS.
13. WHERE COMBINATIONS OF SIDEWALK OR CURB AND GUTTER ARE POURED CONTIGUOUS TO EXISTING, ALL ADJOINING EXISTING CONCRETE VERTICAL FACES SHALL BE DOWELED. ALL ABUTTING SIDEWALK ENDS SHALL BE DOWELED MID-SECTION VERTICALLY WITH TWO DOWELS FOR FOUR THROUGH SIX-FOOT WIDE SIDEWALK AND THREE DOWELS FOR WIDER SIDEWALK. ABUTTING CURB AND GUTTER ENDS SHALL BE DOWELED TWICE, 18 INCHES APART AT GUTTER PAN MID-SECTION. DOWEL CONNECTIONS OF LONGITUDINAL RUNS OF SIDEWALK TO BACK OF CURB SHALL BE THREE FEET ON CENTER. ALL DOWELS SHALL BE 16 INCHES LONG, GRADE 60; #4 REBAR PENETRATING FOUR INCHES. THE DOWEL HOLE SHALL BE 5/8-INCH DIAMETER AT A SLIGHT HORIZONTAL ANGLE FROM PERPENDICULAR. THE PENETRATING PORTION OF THE DOWEL AND THE ENTIRE (CLEANED) VERTICAL SURFACE OF THE ADJOINING, EXISTING CONCRETE SHALL BE THOROUGHLY COATED WITH STATE STANDARD TWO-PART EPOXY.
14. THE TYPES, LOCATIONS AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE IMPROVEMENT PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS, AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UTILITIES. HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED BUT WHICH ARE NOT SHOWN ON THESE DRAWINGS.
15. UTILITIES LOCATIONS ARE TAKEN FROM CITY AS-BUILT DRAWINGS AND FIELD REVIEWS. LOCATIONS OF THE GROUND FEATURES (MH, VALVES, ETC.) ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED BY THE CONTRACTOR.
16. THE CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN THAT SHALL BE ACCEPTED BY THE ENGINEERING DIVISION OF PUBLIC WORKS BEFORE START OF WORK IN RIGHT-OF-WAY AND SHALL BE IN ACCORDANCE WITH CALIFORNIA MUTCD LATEST EDITION. AT LEAST ONE LANE IN EACH DIRECTION SHALL REMAIN OPEN TO TRAFFIC UNLESS OTHERWISE SHOWN ON THE PLANS OR PERMITTED BY THE SPECIFICATIONS. TRAFFIC CONTROL HOURS ARE SUBJECT TO LIMITATION BY THE CITY. TRAFFIC CONTROL WITH LANE CLOSURES THAT AFFECT TRAFFIC FLOW MAY REQUIRE NIGHT WORK. IF, AS A PART OF TRAFFIC CONTROL MEASURES, A ROADWAY CLOSURE HAS BEEN APPROVED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER 72 HOURS IN ADVANCE OF SETTING UP THIS CLOSURE.
17. CURB RAMPS CONFORMING TO ALL ADA AND TITLE 24 REQUIREMENTS SHALL BE PLACED AT ALL NEW STANDARD CURB RETURNS (STANDARD DRAWING ST-27) AND STANDARD TYPE A-7 DRIVEWAYS. WHERE EXISTING RAMPS DO NOT MEET CURRENT ADA AND TITLE 24 REQUIREMENTS, THE RAMPS SHALL BE UPGRADED IN CONFORMANCE WITH MINIMUM TITLE 24 REQUIREMENTS. WHERE EXISTING RAMPS DO NOT INCLUDE DETECTABLE WARNING PANELS (TRUNCATED DOMES), PANELS SHALL BE RETROFITTED PER THE CONSTRUCTION STANDARDS.

18. THE ENGINEER WILL CONDUCT A PRE-CONSTRUCTION MEETING PRIOR TO STARTING WORK. MEMBERS OF THE CITY OF ROSEVILLE PUBLIC WORKS DEPARTMENT, ENVIRONMENTAL UTILITIES DEPARTMENT AND ALL OTHER UTILITY REPRESENTATIVE SHALL BE NOTIFIED AS TO THE DATE AND LOCATION OF THE MEETING.
19. WHEN SAWCUTTING WITHIN THE STREET FOR TRENCHING OR OTHER PURPOSES, CONTRACTOR SHALL GRIND 1 ½" OF PAVEMENT BETWEEN THE LANE LINES (FROM LANE STRIPE TO LANE STRIPE) UPON COMPLETION OF THE SAWCUTTING AND OR TRENCHING WORK. WHERE THE SAWCUTTING OCCURS BETWEEN THE CURB AND GUTTER AND NEAREST LANE STRIPE (INCLUDING BIKE LANES), THE SAME 1 ½" GRIND SHALL BE REQUIRED. CONTRACTOR TO PLACE A PETROMAT FABRIC OR APPROVED EQUAL BY THE CITY OF ROSEVILLE AND OVERLAY FROM LANE STRIPE TO LANE STRIPE, OR CURB TO LANE STRIP TO RE-STRIPE OR REPLACE ANY DELINEATORS REMOVED DURING THE GRIND.
20. EXCAVATIONS SHALL BE ADEQUATELY SHORED, BRACED, AND SHEETED SO THAT THE EARTH WILL NOT SLIDE OR SETTLE AND SO THAT ALL EXISTING IMPROVEMENTS OF ANY KIND WILL BE FULLY PROTECTED FROM DAMAGE. ANY DAMAGE RESULTING FROM A LACK OF ADEQUATE SHORING, BRACING, OR SHEETING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL EFFECT NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, SHORING, AND BRACING OR EQUIVALENT METHOD, FOR THE THE PROTECTION OF LIFE. OR LIMB, WHICH SHALL CONFORM TO THE APPLICABLE CONSTRUCTION SAFETY ORDERS OF THE DIVISION OF INDUSTRIAL SAFETY OF THE STATE OF CALIFORNIA. THE CONTRACTOR SHALL ALWAYS COMPLY WITH OSHA REQUIREMENT AND SHALL PROVIDE THE CITY OF ROSEVILLE WITH A COPY OF THE OSHA PERMIT.
21. CONSTRUCTION ACTIVITIES OCCURRING BETWEEN OCTOBER 15 AND APRIL 1 SHALL HAVE EROSION AND SEDIMENT CONTROL MEASURES IN PLACE OR CAPABLE OF BEING PLACED WITHIN 24 HOURS. THE CONTRACTOR SHALL ENSURE THAT THE CONSTRUCTION SITE IS PREPARED PRIOR TO THE ONSET OF ANY STORM.
22. ADJACENT STREET FRONTAGES SHALL BE SWEEPED AT LEAST ONCE A DAY TO REMOVE SILT AND OTHER DIRT WHICH IS EVIDENT FROM CONSTRUCTION ACTIVITIES.
23. THE CONTRACTOR SHALL MEET AND FOLLOW ALL NPDES REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
24. CONTRACTOR SHALL RESTORE ALL DISTURBED LANDSCAPING AND IRRIGATION SYSTEMS TO ORIGINAL CONDITION AND/OR RE-DESIGN AND INSTALL IRRIGATION TO ACCOMMODATE NEW STRUCTURES WITHIN THIS PROJECT.
25. THE CONTRACTOR SHALL TAKE EXTREME CARE TO PROTECT EXISTING SITE AND ADJACENT IMPROVEMENTS FROM DAMAGE. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR MAKE REPLACEMENT OF ALL CRACKED AND OTHERWISE PRE-EXISTING DAMAGED PUBLIC IMPROVEMENTS ALONG THE FRONTAGE OF THE PROJECT SITE AND ANY DAMAGE RESULTING FROM CONSTRUCTION TO CURRENT CITY STANDARDS AND AT THEIR OWN EXPENSE. THE EXTENT OF THE REPAIRS SHALL BE DETERMINED BY THE PUBLIC WORKS INSPECTOR AND SHALL BE COMPLETED PRIOR TO THE CITY ACCEPTANCE OF THE IMPROVEMENTS.
26. NATIVE OAK TREES WILL REQUIRE MITIGATION. SEE CITY OF ROSEVILLE TREE PRESERVATION CHAPTER FOR PROCEDURES.

100% SUBMITTAL

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|---------------------------------------------|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|--|--|--|--------------------------------------|--|
| <b>REVISIONS</b><br>NO. DESCRIPTION DATE BY |  |  |  | <b>BENCH MARK</b> ELEV. 121.55'<br><br>THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |  |  | <b>PSOMAS</b><br>1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122<br><br>DESIGNED BY: CHRIS BRAZIL DATE 06/2023<br>CHECKED BY: TIM HAYES DATE 06/2023<br>DRAWN BY: DEBI HUYNH DATE 06/2023 |  |  |  | <b>PLEASANT GROVE BOULEVARD<br/>WIDENING PROJECT<br/>GENERAL NOTES</b> |  |  |  | SHEET<br><b>2</b><br>OF<br><b>99</b> |  |
|---------------------------------------------|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|------------------------------------------------------------------------|--|--|--|--------------------------------------|--|



PROJECT CONTROL NOTES:

HORIZONTAL DATUM: CALIFORNIA COORDINATE SYSTEM, NAD 83, ZONE 2

VERTICAL DATUM: SEE BENCHMARK DATA BELOW

METHOD OF SURVEY: AERIAL MAPPING COMPLETED NOVEMBER 2021 AND SUPPLEMENTED IN SELECT LOCATIONS BY GROUND SURVEYS COMPLETED MARCH 2022. THE SURFACE DATA SHOWN IS A COMPILATION OF AERIAL MAPPING AND GROUND SURVEY SHOTS.

LEGEND:

-  SURVEY CONTROL / MONUMENT (PSOMAS)
-  MONUMENT (CITY OF ROSEVILLE)

NOTES:

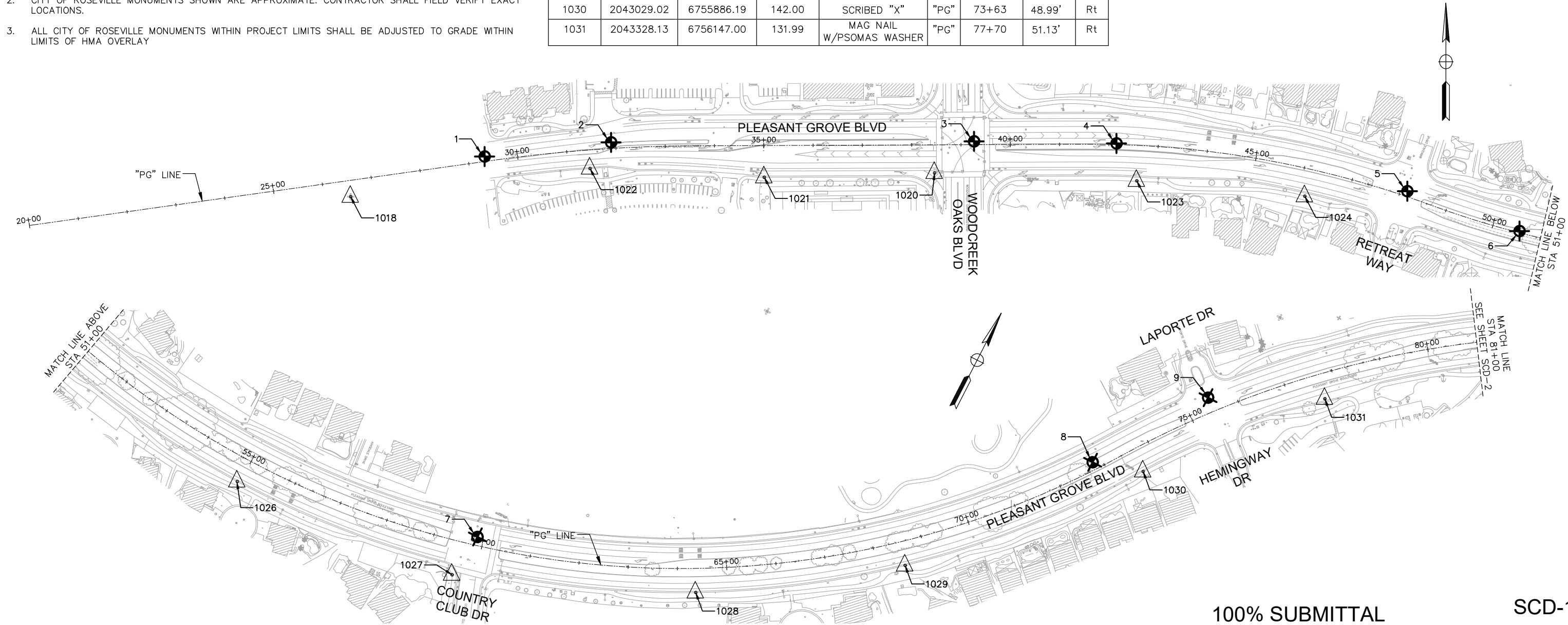
- THE SURVEY DATA SHOWN HEREON REPRESENTS A SURVEY PERFORMED UNDER THE SUPERVISION AND RESPONSIBLE CHARGE OF JUSTIN LAMBERT, PLS #9046.
- CITY OF ROSEVILLE MONUMENTS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATIONS.
- ALL CITY OF ROSEVILLE MONUMENTS WITHIN PROJECT LIMITS SHALL BE ADJUSTED TO GRADE WITHIN LIMITS OF HMA OVERLAY

CONTROL TABLE

| POINT # | NORTHING   | EASTING    | ELEVATION | DESCRIPTION                 | LINE | STATION | OFFSET | SIDE |
|---------|------------|------------|-----------|-----------------------------|------|---------|--------|------|
| 1018    | 2042353.47 | 6751457.86 | 128.42    | MAG NAIL                    | "PG" | 26+53   | 32.93' | Rt   |
| 1020    | 2042401.41 | 6752641.96 | 132.30    | SCRIBED "X"                 | "PG" | 38+46   | 56.98' | Rt   |
| 1021    | 2042392.60 | 6752296.48 | 128.31    | SCRIBED "X"                 | "PG" | 35+00   | 64.36' | Rt   |
| 1022    | 2042410.49 | 6751943.10 | 129.71    | SCRIBED "X"                 | "PG" | 31+44   | 37.56' | Rt   |
| 1023    | 2042385.48 | 6753051.99 | 140.25    | SCRIBED "X"                 | "PG" | 42+60   | 71.85' | Rt   |
| 1024    | 2042354.28 | 6753392.79 | 141.68    | SCRIBED "X"                 | "PG" | 46+13   | 55.94' | Rt   |
| 1026    | 2042172.85 | 6754260.67 | 134.38    | SCRIBED "X"                 | "PG" | 54+94   | 48.86' | Rt   |
| 1027    | 2042203.23 | 6754734.53 | 136.77    | SCRIBED "X"                 | "PG" | 59+55   | 69.12' | Rt   |
| 1028    | 2042396.68 | 6755190.65 | 145.71    | SCRIBED "X"                 | "PG" | 64+36   | 48.74' | Rt   |
| 1029    | 2042639.17 | 6755543.56 | 151.27    | SCRIBED "X"                 | "PG" | 68+54   | 48.75' | Rt   |
| 1030    | 2043029.02 | 6755886.19 | 142.00    | SCRIBED "X"                 | "PG" | 73+63   | 48.99' | Rt   |
| 1031    | 2043328.13 | 6756147.00 | 131.99    | MAG NAIL<br>W/PSOMAS WASHER | "PG" | 77+70   | 51.13' | Rt   |

CITY MONUMENT TABLE

| POINT # | DESCRIPTION   | LINE | STATION | OFFSET  | SIDE |
|---------|---------------|------|---------|---------|------|
| 1       | MONUMENT WELL | "PG" | 29+34   | -9.98'  | Lt   |
| 2       | MONUMENT WELL | "PG" | 31+90   | -12.30' | Lt   |
| 3       | MONUMENT WELL | "PG" | 39+26   | -6.69'  | Lt   |
| 4       | MONUMENT WELL | "PG" | 42+15   | -2.19'  | Lt   |
| 5       | MONUMENT WELL | "PG" | 48+13   | -10.60' | Lt   |
| 6       | MONUMENT WELL | "PG" | 50+55   | -3.45'  | Lt   |
| 7       | MONUMENT WELL | "PG" | 59+87   | -17.25' | Lt   |
| 8       | MONUMENT WELL | "PG" | 72+80   | -15.45' | Lt   |
| 9       | MONUMENT WELL | "PG" | 75+46   | -30.00' | Lt   |



100% SUBMITTAL SCD-1

NO.

DESCRIPTION

DATE

BY

REVISIONS

BENCH MARK

ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

SCALE

HORIZ. 1"=100'

VERT. N/A

CITY OF ROSEVILLE CALIFORNIA

PSOMAS

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: JUSTIN LAMBERT DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023

PROFESSIONAL LAND SURVEYOR

JUSTIN LAMBERT

9046

STATE OF CALIFORNIA

PLEASANT GROVE BOULEVARD WIDENING PROJECT SURVEY CONTROL DIAGRAM

SHEET 3 OF 99

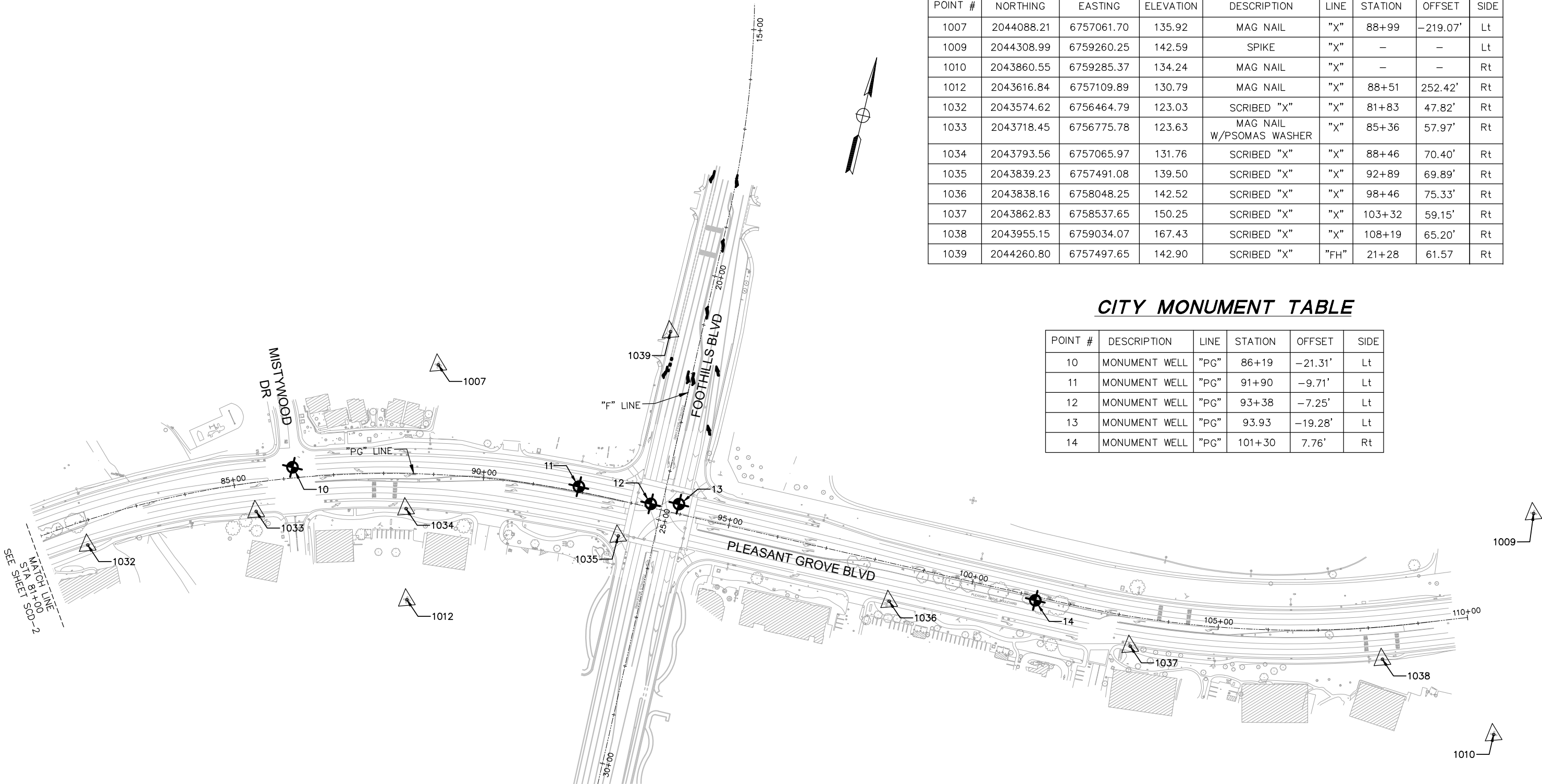
Xref: \_PCB\_Border\_22x34PCB-AUGNIPCB\_X\_Topo\_Supplement  
Images: cropped COR block logo.tif

CONTROL TABLE

| POINT # | NORTHING   | EASTING    | ELEVATION | DESCRIPTION                 | LINE | STATION | OFFSET   | SIDE |
|---------|------------|------------|-----------|-----------------------------|------|---------|----------|------|
| 1007    | 2044088.21 | 6757061.70 | 135.92    | MAG NAIL                    | "X"  | 88+99   | -219.07' | Lt   |
| 1009    | 2044308.99 | 6759260.25 | 142.59    | SPIKE                       | "X"  | -       | -        | Lt   |
| 1010    | 2043860.55 | 6759285.37 | 134.24    | MAG NAIL                    | "X"  | -       | -        | Rt   |
| 1012    | 2043616.84 | 6757109.89 | 130.79    | MAG NAIL                    | "X"  | 88+51   | 252.42'  | Rt   |
| 1032    | 2043574.62 | 6756464.79 | 123.03    | SCRIBED "X"                 | "X"  | 81+83   | 47.82'   | Rt   |
| 1033    | 2043718.45 | 6756775.78 | 123.63    | MAG NAIL<br>W/PSOMAS WASHER | "X"  | 85+36   | 57.97'   | Rt   |
| 1034    | 2043793.56 | 6757065.97 | 131.76    | SCRIBED "X"                 | "X"  | 88+46   | 70.40'   | Rt   |
| 1035    | 2043839.23 | 6757491.08 | 139.50    | SCRIBED "X"                 | "X"  | 92+89   | 69.89'   | Rt   |
| 1036    | 2043838.16 | 6758048.25 | 142.52    | SCRIBED "X"                 | "X"  | 98+46   | 75.33'   | Rt   |
| 1037    | 2043862.83 | 6758537.65 | 150.25    | SCRIBED "X"                 | "X"  | 103+32  | 59.15'   | Rt   |
| 1038    | 2043955.15 | 6759034.07 | 167.43    | SCRIBED "X"                 | "X"  | 108+19  | 65.20'   | Rt   |
| 1039    | 2044260.80 | 6757497.65 | 142.90    | SCRIBED "X"                 | "FH" | 21+28   | 61.57    | Rt   |

CITY MONUMENT TABLE

| POINT # | DESCRIPTION   | LINE | STATION | OFFSET  | SIDE |
|---------|---------------|------|---------|---------|------|
| 10      | MONUMENT WELL | "PG" | 86+19   | -21.31' | Lt   |
| 11      | MONUMENT WELL | "PG" | 91+90   | -9.71'  | Lt   |
| 12      | MONUMENT WELL | "PG" | 93+38   | -7.25'  | Lt   |
| 13      | MONUMENT WELL | "PG" | 93.93   | -19.28' | Lt   |
| 14      | MONUMENT WELL | "PG" | 101+30  | 7.76'   | Rt   |



100% SUBMITTAL

SCD-2

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |         |
|--------|---------|
| SCALE  |         |
| HORIZ. | 1"=100' |
| VERT.  | N/A     |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: JUSTIN LAMBERT      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
SURVEY CONTROL DIAGRAM

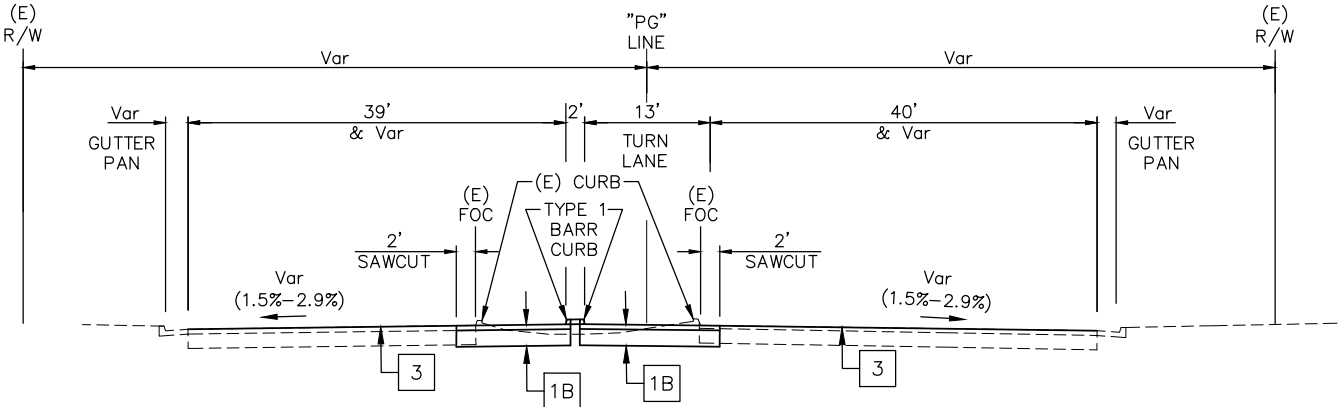
Xref: \_PCB\_Border\_22x34PCB-ALIGNPCB\_X\_TopoPCB\_X\_Topo\_Supplement  
Images: cropped COR block logo.tif

NOTES:

1. EXISTING PAVEMENT SECTION THICKNESS VARIES.
2. FULL-DEPTH RECLAMATION (FDR) SECTION "1B" CONSISTS OF 8 INCHES OF IMPORTED HMA GRINDINGS AND 6 INCHES OF NATIVE SOIL.

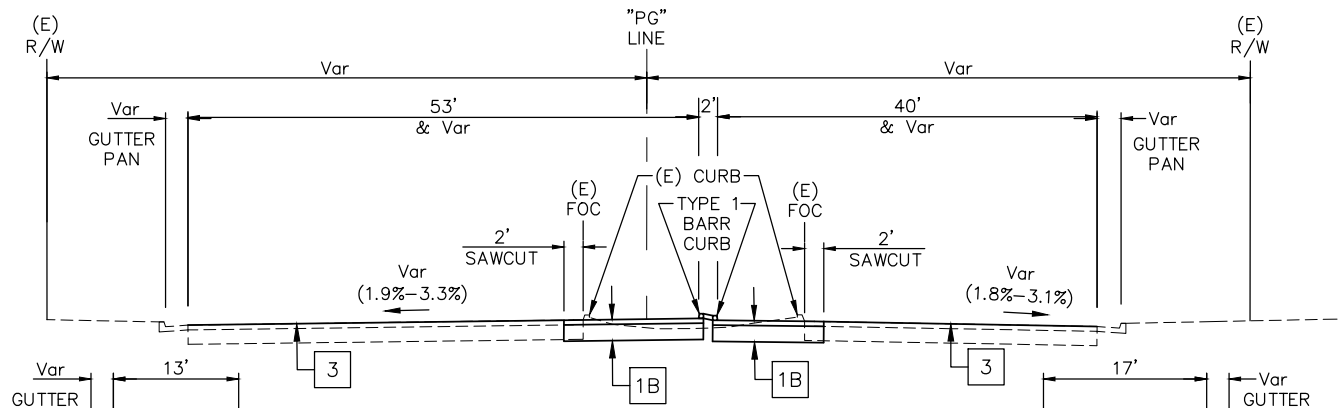
PAVEMENT SECTIONS

|    |   |                                      |   |   |                                                         |
|----|---|--------------------------------------|---|---|---------------------------------------------------------|
| 1A | = | 0.55' HMA TYPE A<br>1.45' CLASS 2 AB | 2 | = | 0.33' PCC<br>0.33' CLASS 2 AB                           |
| 1B | = | 0.55' HMA TYPE A<br>1.15' FDR        | 3 | = | 0.13' HMA OVERLAY<br>PAVING MAT<br>(E) PAVEMENT SECTION |
| 1C | = | 1.00' HMA TYPE A<br>0.50' CLASS 2 AB |   |   |                                                         |



PLEASANT GROVE BLVD

"PG" 45+93.58 TO "PG" 47+49.28  
"PG" 72+36.40 TO "PG" 74+83.38  
"PG" 83+12.30 TO "PG" 85+75.68

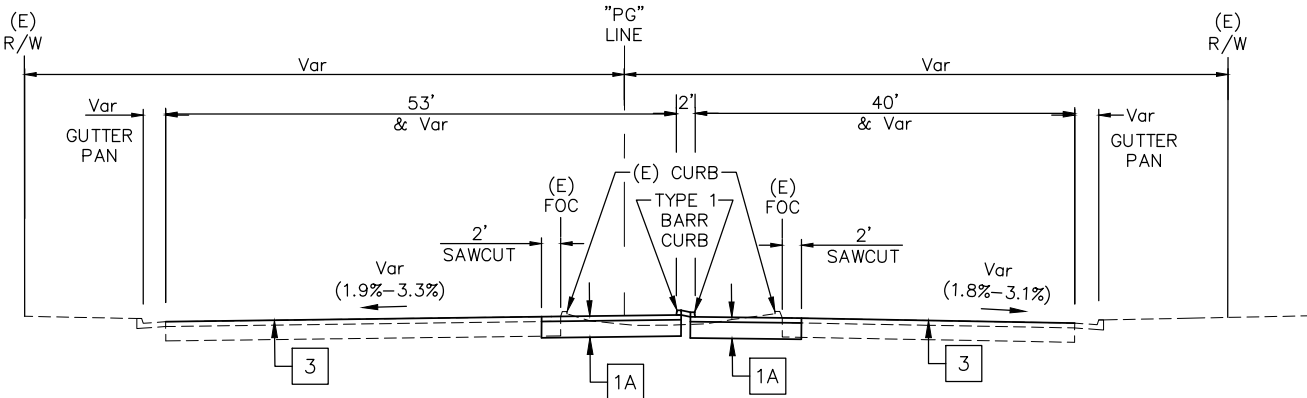


PLEASANT GROVE BLVD

"PG" 43+01.83 TO "PG" 44+79.28  
"PG" 48+68.86 TO "PG" 50+18.03  
"PG" 60+37.87 TO "PG" 63+37.55  
"PG" 75+84.85 TO "PG" 78+75.98

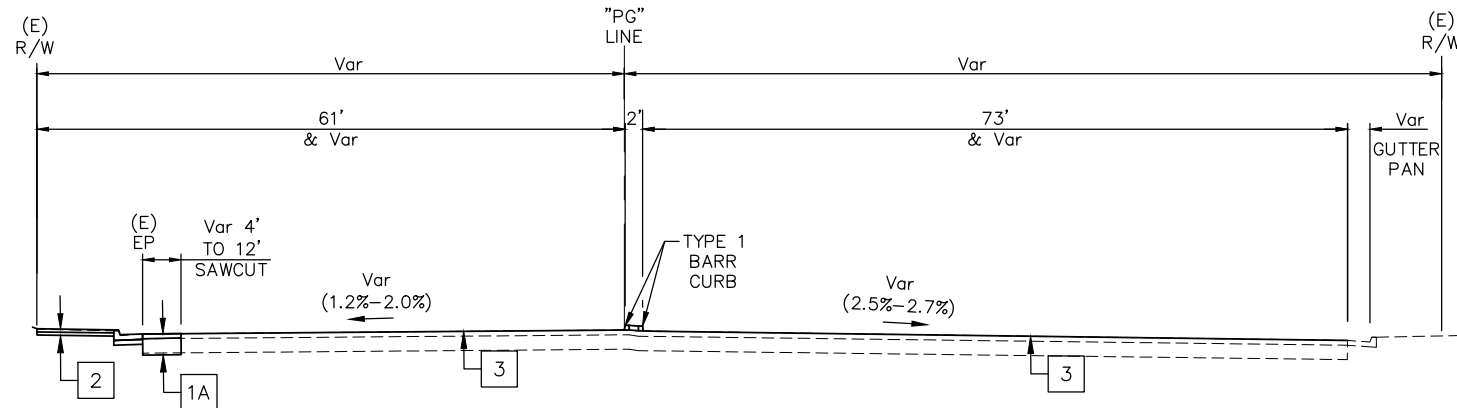
"PG" 86+56.70 TO "PG" 90+62.41

"PG" 86+56.70 TO "PG" 90+62.41



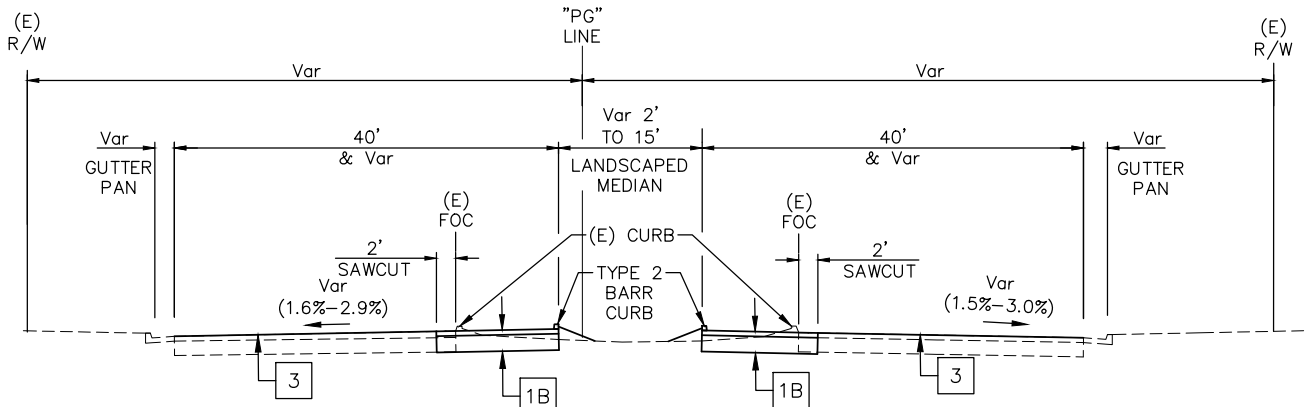
PLEASANT GROVE BLVD

"PG" 86+56.70 TO "PG" 90+62.41



PLEASANT GROVE BLVD

"PG" 91+99.15 TO "PG" 92+74.73



PLEASANT GROVE BLVD

"PG" 50+18.03 TO "PG" 59+30.94  
"PG" 63+37.55 TO "PG" 72+36.40  
"PG" 78+75.98 TO "PG" 83+12.30

100% SUBMITTAL

TS-1

Xref: PGB\_X\_T0P0PGB-R0011\_PGB\_Border\_22x34PGB\_X\_ROW  
Images: PGB\_01.jpg|PGB\_02.jpg|PGB\_03.jpg|PGB\_04.jpg|PGB\_05.jpg|cropped\_C0R\_black\_logo.tif

Plotted: 06/29/2023 16:05:59. | Drawing: P:\6R0S013306\TRANSP\DESIGN\ROAD\SHEETS\04\_PGB\_TS01-TS02.dwg | Layout: TS-1 | By: chris.brazil

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
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|           |             |      |    |

|                                                                                                                                   |     |               |
|-----------------------------------------------------------------------------------------------------------------------------------|-----|---------------|
| BENCH MARK                                                                                                                        |     | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |     |               |
| SCALE                                                                                                                             |     |               |
| HORIZ.                                                                                                                            | N/A |               |
| VERT.                                                                                                                             | N/A |               |



|                                                                      |              |      |         |
|----------------------------------------------------------------------|--------------|------|---------|
| <b>PSOMAS</b>                                                        |              |      |         |
| 1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122 |              |      |         |
| DESIGNED BY:                                                         | CHRIS BRAZIL | DATE | 06/2023 |
| CHECKED BY:                                                          | TIM HAYES    | DATE | 06/2023 |
| DRAWN BY:                                                            | DEBI HUYNH   | DATE | 06/2023 |



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TYPICAL SECTIONS

|       |
|-------|
| SHEET |
| 5     |
| OF    |
| 99    |

NOTES:

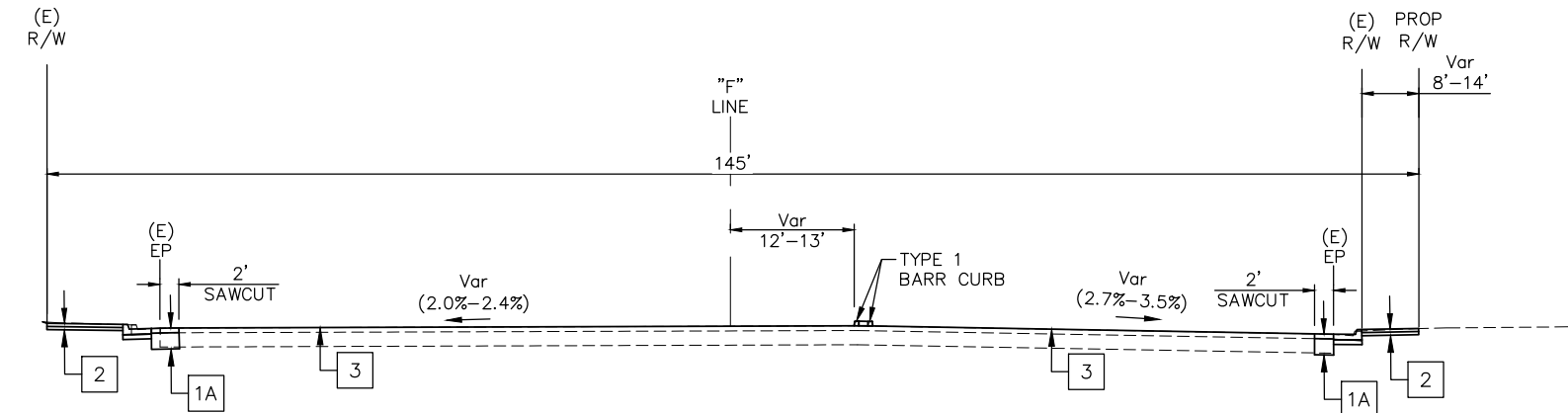
1. EXISTING PAVEMENT SECTION THICKNESS VARIES.
2. FULL-DEPTH RECLAMATION (FDR) SECTION "1B" CONSISTS OF 8 INCHES OF IMPORTED HMA GRINDINGS AND 6 INCHES OF NATIVE SOIL.

PAVEMENT SECTIONS

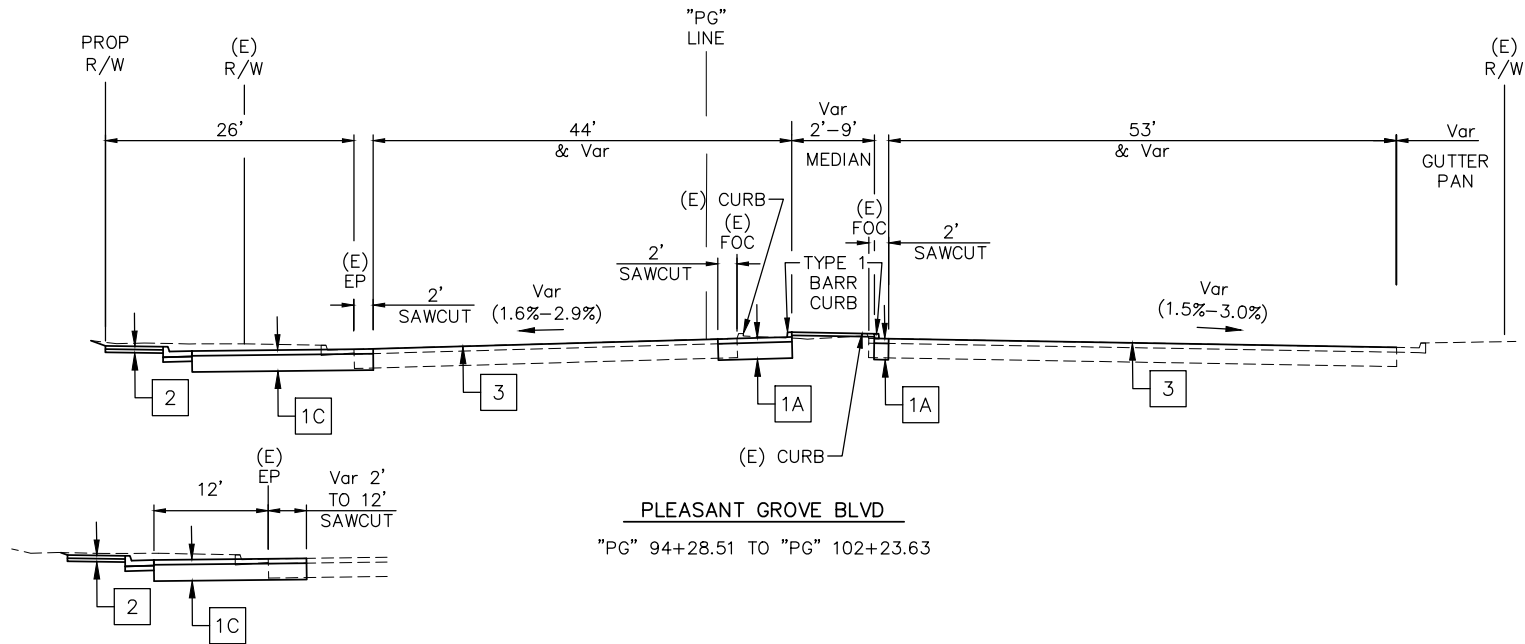
1A =  $\begin{bmatrix} 0.55' \text{ HMA TYPE A} \\ 1.45' \text{ CLASS 2 AB} \end{bmatrix}$       2 =  $\begin{bmatrix} 0.33' \text{ PCC} \\ 0.33' \text{ CLASS 2 AB} \end{bmatrix}$

1B =  $\begin{bmatrix} 0.55' \text{ HMA TYPE A} \\ 1.15' \text{ FDR} \end{bmatrix}$       3 =  $\begin{bmatrix} 0.13' \text{ HMA OVERLAY} \\ \text{PAVING MAT} \\ \text{(E) PAVEMENT SECTION} \end{bmatrix}$

1C =  $\begin{bmatrix} 1.00' \text{ HMA TYPE A} \\ 0.50' \text{ CLASS 2 AB} \end{bmatrix}$



FOOTHILLS BLVD  
"FOOTHILLS" 23+38.74 TO "FOOTHILLS" 24+11.50



PLEASANT GROVE BLVD  
"PG" 94+28.51 TO "PG" 102+23.63

100% SUBMITTAL

TS-2

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

BENCH MARK ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

| SCALE  |     |
|--------|-----|
| HORIZ. | N/A |
| VERT.  | N/A |



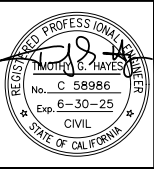
**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TYPICAL SECTIONS

SHEET  
6  
OF  
99

NOTES:

1. ROADWAY EXCAVATION WITHIN THE LIMITS OF SAWCUT SHOWN ON THESE LAYOUT SHEETS SHALL INCLUDE REMOVAL OF ALL EXISTING FEATURES AND IMPROVEMENTS IN CONFLICT WITH THE PROPOSED IMPROVEMENTS EXCEPT FOR EXISTING FEATURES IDENTIFIED TO REMAIN IN PLACE. SEE STANDARD SPECIFICATIONS FOR FURTHER DETAILS.
2. FOR DETAILS NOT SHOWN, SEE CONSTRUCTION DETAIL PLANS.
3. CITY OF ROSEVILLE MONUMENTS SHALL BE ADJUSTED TO GRADE WITHIN LIMITS OF HMA OVERLAY. LOCATION SHOWN IS APPROXIMATE, CONTRACTOR SHALL VERIFY EXACT LOCATION IN FIELD.
4. FOR TRAFFIC SIGNALS, LIGHTING AND PULL BOXES, SEE ELECTRICAL PLANS.
5. ALL UTILITY VALVES AND MANHOLES TO REMAIN IN ROADWAY SECTION TO BE ADJUSTED TO GRADE.
6. FOR CURB RAMP, DRIVEWAY AND MEDIAN DETAILS, SEE CONSTRUCTION DETAILS.
7. FOR DRAINAGE INLET DETAILS NOT SHOWN, SEE CITY STANDARD "DR-1"
8. PERMANENT EROSION CONTROL (JUTE MESH) SHALL BE INSTALLED POST CONSTRUCTION ON DISTURBED AREAS OF SOIL FOR THE PLEASANT GROVE AND FOOTHILLS INTERSECTION ROADWAY IMPROVEMENTS.
9. HMA DIGOUTS FOR AREAS SHOWN ON THESE PLANS ARE 4 INCHES IN DEPTH. SEE CONSTRUCTION DETAIL SHEET CD-06 FOR DETAILS.

LEGEND:

- X

CURVE DATA NUMBER
- NEW PAVEMENT AREA
- STAMPED CONCRETE
- SAWCUT LINE
- - - - -

LIMITS OF HMA OVERLAY
- MONUMENT (CITY OF ROSEVILLE)
- HMA DIGOUT (4 INCH DEPTH)

ABBREVIATIONS:

- AP

ANGLE POINT
- BOW

BACK OF WALK
- C&G

CURB AND GUTTER
- (E)

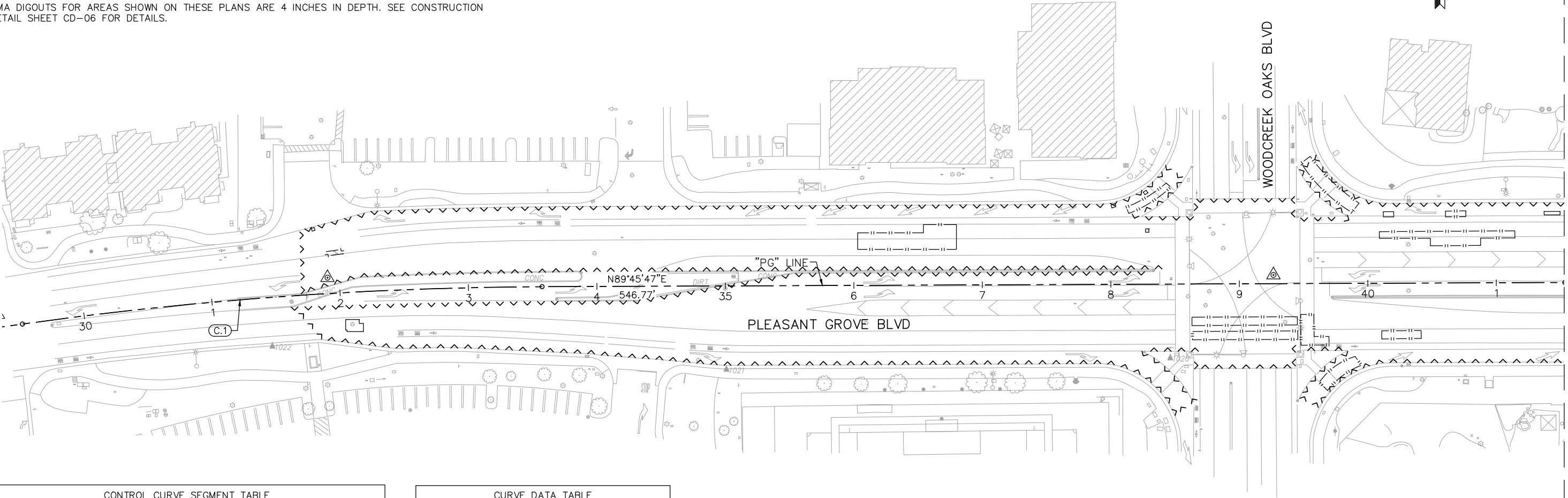
EXISTING
- FOC

FACE OF CURB
- PB

PULLBOX
- WM

WATER METER
- WV

WATER VALVE



| CONTROL CURVE SEGMENT TABLE |      |          |          |             |               |             |
|-----------------------------|------|----------|----------|-------------|---------------|-------------|
| No.                         | LINE | RADIUS   | LENGTH   | DELTA       | START STATION | END STATION |
| C.1                         | "PG" | 3000.00' | 405.85'  | 7° 45' 04"  | 29+51.45      | 33+57.30    |
| C.2                         | "PG" | 2000.00' | 714.96'  | 20° 28' 56" | 41+53.34      | 48+68.30    |
| C.3                         | "PG" | 1860.00' | 2469.23' | 76° 03' 45" | 48+68.30      | 73+37.53    |
| C.4                         | "PG" | 1992.00' | 1924.97' | 55° 22' 04" | 73+37.53      | 92+62.50    |
| C.5                         | "PG" | 2050.00' | 703.63'  | 19° 39' 57" | 101+95.91     | 108+99.54   |

| CURVE DATA TABLE |        |        |         |              |
|------------------|--------|--------|---------|--------------|
| No.              | LENGTH | RADIUS | TANGENT | DELTA        |
| C.7              | 35.25' | 50.00' | 18.39'  | 040° 23' 23" |
| C.10             | 29.78' | 50.22' | 15.34'  | 033° 58' 43" |

100% SUBMITTAL

L-1

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|               |  |
|---------------|--|
| SCALE         |  |
| HORIZ. 1"=40' |  |
| VERT. NONE    |  |



PSOMAS

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL

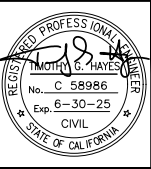
DATE 06/2023

CHECKED BY: TIM HAYES

DATE 06/2023

DRAWN BY: DEBI HUYNH

DATE 06/2023

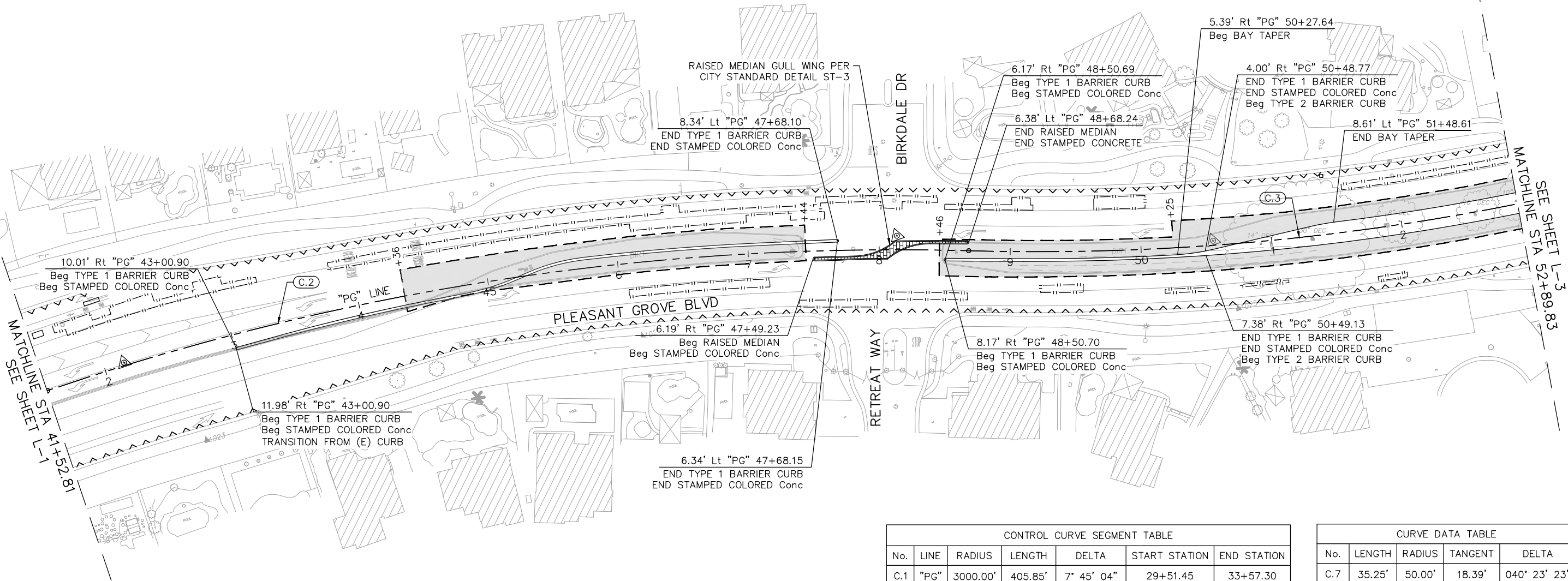
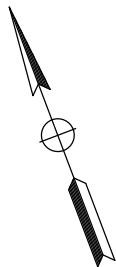


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
LAYOUT

LEGEND:

- X

CURVE DATA NUMBER
- 
- NEW PAVEMENT AREA
- 
- STAMPED CONCRETE
- 
- SAWCUT LINE
- 
- LIMIT OF HMA OVERLAY
- 
- MONUMENT (CITY OF ROSEVILLE)
- 
- HMA DIGOUT (4 INCH DEPTH)



| CONTROL CURVE SEGMENT TABLE |      |          |          |             |               |             |
|-----------------------------|------|----------|----------|-------------|---------------|-------------|
| No.                         | LINE | RADIUS   | LENGTH   | DELTA       | START STATION | END STATION |
| C.1                         | "PG" | 3000.00' | 405.85'  | 7° 45' 04"  | 29+51.45      | 33+57.30    |
| C.2                         | "PG" | 2000.00' | 714.96'  | 20° 28' 56" | 41+53.34      | 48+68.30    |
| C.3                         | "PG" | 1860.00' | 2469.23' | 76° 03' 45" | 48+68.30      | 73+37.53    |
| C.4                         | "PG" | 1992.00' | 1924.97' | 55° 22' 04" | 73+37.53      | 92+62.50    |
| C.5                         | "PG" | 2050.00' | 703.63'  | 19° 39' 57" | 101+95.91     | 108+99.54   |

| CURVE DATA TABLE |        |        |         |              |
|------------------|--------|--------|---------|--------------|
| No.              | LENGTH | RADIUS | TANGENT | DELTA        |
| C.7              | 35.25' | 50.00' | 18.39'  | 040° 23' 23" |
| C.10             | 29.78' | 50.22' | 15.34'  | 033° 58' 43" |

100% SUBMITTAL

L-2

PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
LAYOUT

SHEET  
8  
OF  
99

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

BENCH MARK ELEV. 121.55'  
THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

SCALE  
HORIZ. 1"=40'  
VERT. NONE



PSOMAS

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL

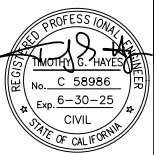
DATE 06/2023

CHECKED BY: TIM HAYES

DATE 06/2023

DRAWN BY: DEBI HUYNH

DATE 06/2023

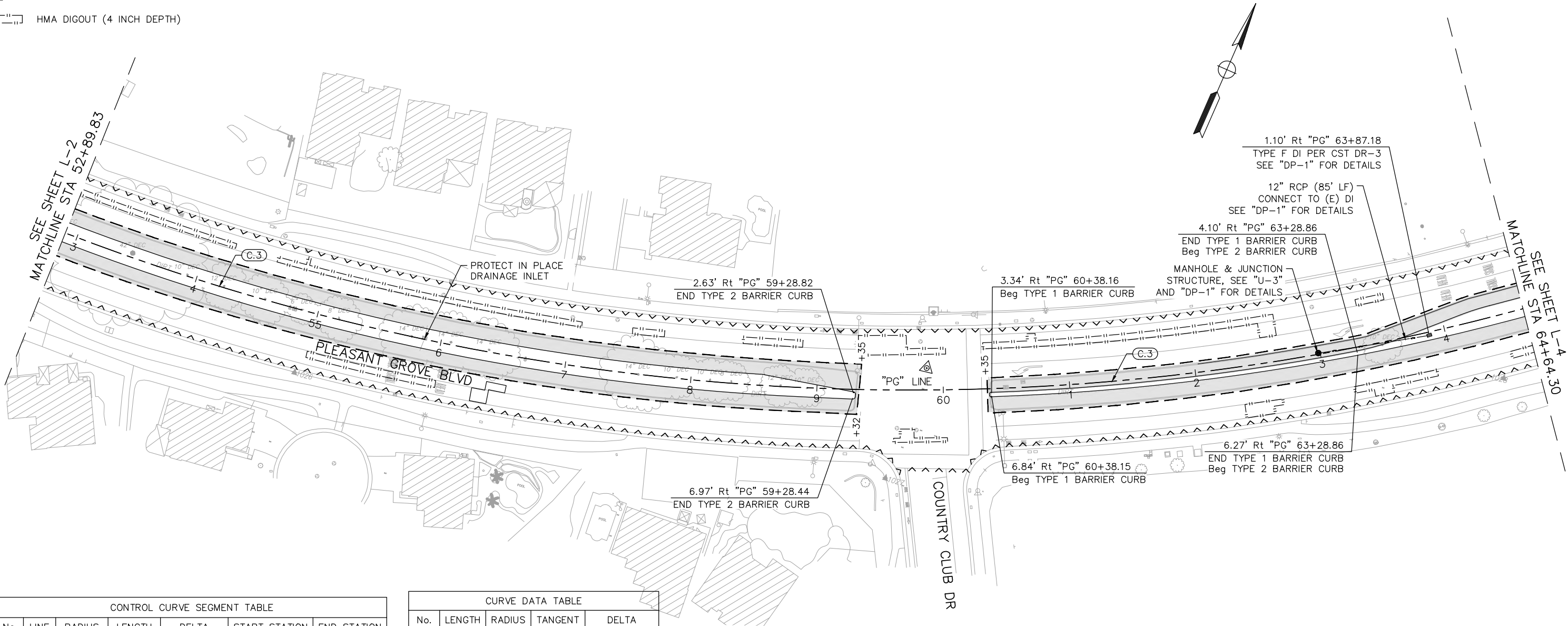


Xref: PGB\_X\_UTLIPCB\_X\_Topo\_PGB\_Border\_22x34IPCB-R001IPCB\_X\_Topo\_SupplementIPCB-D01IPCB-W01IPCB-Digouts  
Images: cropped\_C0R\_black\_topo.tif|IPCB\_01.jpg|IPCB\_02.jpg|IPCB\_03.jpg|IPCB\_04.jpg|IPCB\_05.jpg



LEGEND:

- (X) CURVE DATA NUMBER
- [Hatched Box] NEW PAVEMENT AREA
- [Grid Box] STAMPED CONCRETE
- SAWCUT LINE
- - - - - LIMIT OF HMA OVERLAY
- [Triangle with X] MONUMENT (CITY OF ROSEVILLE)
- [Dashed Line] HMA DIGOUT (4 INCH DEPTH)



| CONTROL CURVE SEGMENT TABLE |      |          |          |             |               |             |
|-----------------------------|------|----------|----------|-------------|---------------|-------------|
| No.                         | LINE | RADIUS   | LENGTH   | DELTA       | START STATION | END STATION |
| C.1                         | "PG" | 3000.00' | 405.85'  | 7° 45' 04"  | 29+51.45      | 33+57.30    |
| C.2                         | "PG" | 2000.00' | 714.96'  | 20° 28' 56" | 41+53.34      | 48+68.30    |
| C.3                         | "PG" | 1860.00' | 2469.23' | 76° 03' 45" | 48+68.30      | 73+37.53    |
| C.4                         | "PG" | 1992.00' | 1924.97' | 55° 22' 04" | 73+37.53      | 92+62.50    |
| C.5                         | "PG" | 2050.00' | 703.63'  | 19° 39' 57" | 101+95.91     | 108+99.54   |

| CURVE DATA TABLE |        |        |         |              |
|------------------|--------|--------|---------|--------------|
| No.              | LENGTH | RADIUS | TANGENT | DELTA        |
| C.7              | 35.25' | 50.00' | 18.39'  | 040° 23' 23" |
| C.10             | 29.78' | 50.22' | 15.34'  | 033° 58' 43" |

100% SUBMITTAL

L-3

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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BENCH MARK ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

SCALE

HORIZ. 1"=40'

VERT. NONE



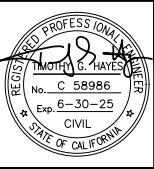
**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023



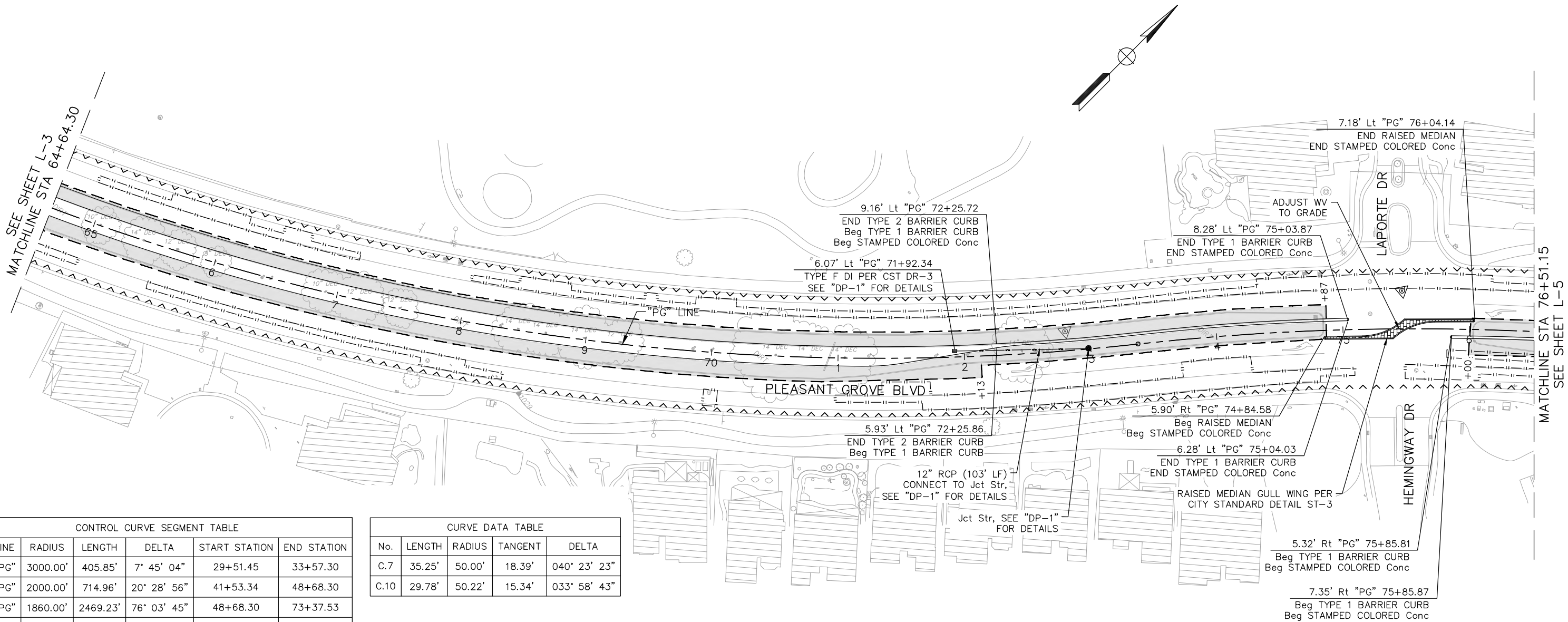
PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
LAYOUT

SHEET  
9  
OF  
99

Xref: PGB\_X\_UTIL\PCB\_X\_Topo\_PGB\_Border\_22x34\PCB-R001\PCB\_X\_Topo\_Supplement\PCB-R001\PCB-W01\PCB-Digouts  
Images: cropped\_Cor\_black\_topo.tif\PCB\_01.tif\PCB\_02.tif\PCB\_03.tif\PCB\_04.tif\PCB\_05.tif



- LEGEND:
- (X) CURVE DATA NUMBER
  - NEW PAVEMENT AREA
  - STAMPED CONCRETE
  - SAWCUT LINE
  - LIMIT OF HMA OVERLAY
  - MONUMENT (CITY OF ROSEVILLE)
  - HMA DIGOUT (4 INCH DEPTH)



| CONTROL CURVE SEGMENT TABLE |      |          |          |             |               |             |
|-----------------------------|------|----------|----------|-------------|---------------|-------------|
| No.                         | LINE | RADIUS   | LENGTH   | DELTA       | START STATION | END STATION |
| C.1                         | "PG" | 3000.00' | 405.85'  | 7° 45' 04"  | 29+51.45      | 33+57.30    |
| C.2                         | "PG" | 2000.00' | 714.96'  | 20° 28' 56" | 41+53.34      | 48+68.30    |
| C.3                         | "PG" | 1860.00' | 2469.23' | 76° 03' 45" | 48+68.30      | 73+37.53    |
| C.4                         | "PG" | 1992.00' | 1924.97' | 55° 22' 04" | 73+37.53      | 92+62.50    |
| C.5                         | "PG" | 2050.00' | 703.63'  | 19° 39' 57" | 101+95.91     | 108+99.54   |

| CURVE DATA TABLE |        |        |         |              |
|------------------|--------|--------|---------|--------------|
| No.              | LENGTH | RADIUS | TANGENT | DELTA        |
| C.7              | 35.25' | 50.00' | 18.39'  | 040° 23' 23" |
| C.10             | 29.78' | 50.22' | 15.34'  | 033° 58' 43" |

REVISIONS

| NO. | DESCRIPTION | DATE | BY |
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BENCH MARK

ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

SCALE

1"=40'

HORIZ. NONE

VERT. NONE

CITY OF ROSEVILLE CALIFORNIA

PSOMAS

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023

REGISTERED PROFESSIONAL ENGINEER

MOYIN S. HAYES

No. C 58986

Exp. 6-30-25

CIVIL

STATE OF CALIFORNIA

100% SUBMITTAL

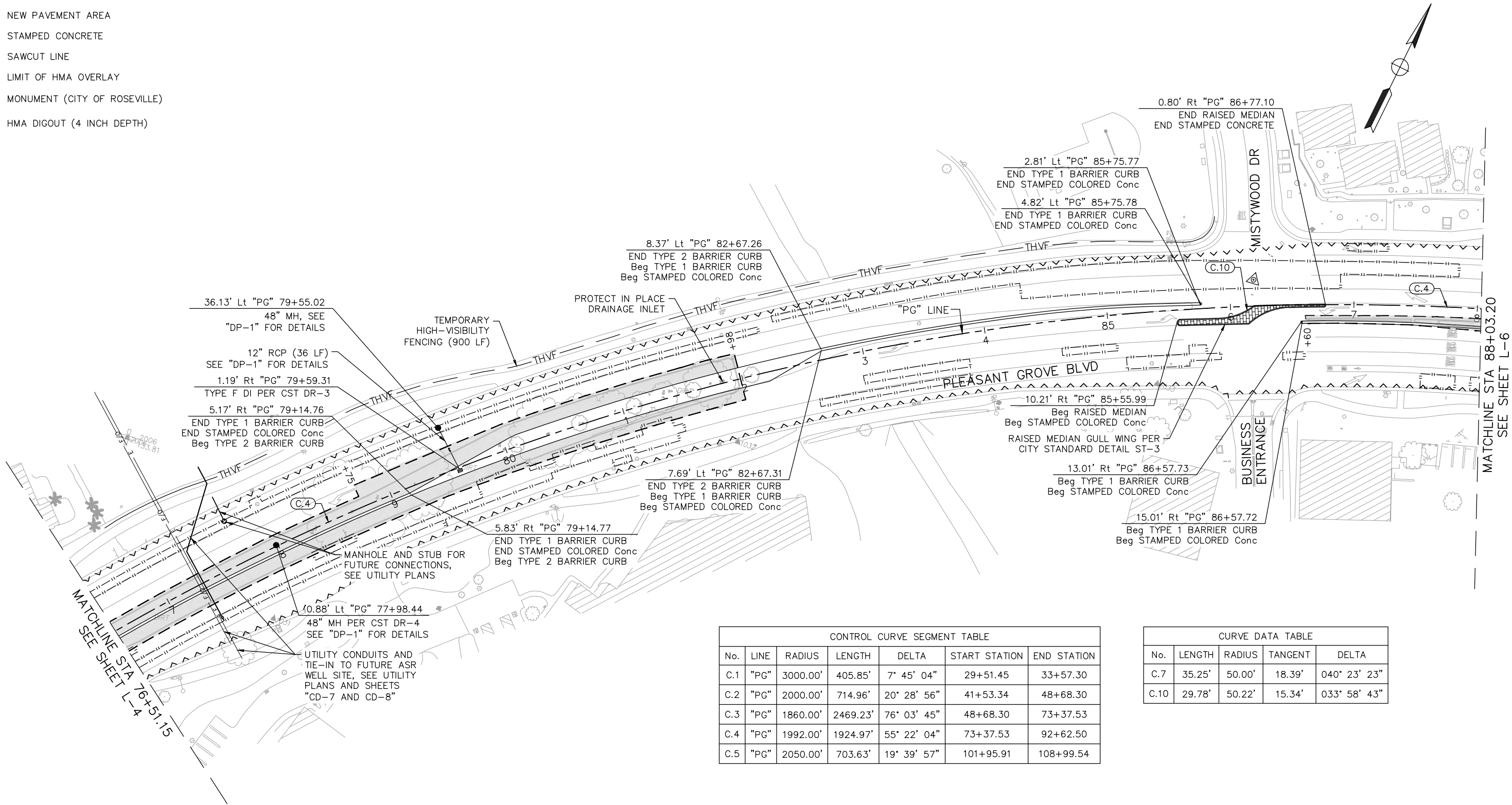
PLEASANT GROVE BOULEVARD WIDENING PROJECT LAYOUT

SHEET 10 OF 99

Xref: PGB\_X\_UTLIPCB\_X\_TPO\_PCB\_Border\_22x34IPCB-R001IPCB\_X\_TPO\_SupplementIPCB-D01IPCB-W01IPCB-Digouts  
Images: cropped\_Cor\_black\_topo.tifIPCB\_01.tifIPCB\_02.tifIPCB\_03.tifIPCB\_04.tifIPCB\_05.tif



- LEGEND:
- CURVE DATA NUMBER
  - NEW PAVEMENT AREA
  - STAMPED CONCRETE
  - SAWCUT LINE
  - LIMIT OF HMA OVERLAY
  - MONUMENT (CITY OF ROSEVILLE)
  - HMA DIGOUT (4 INCH DEPTH)



| CONTROL CURVE SEGMENT TABLE |      |          |          |             |               |             |
|-----------------------------|------|----------|----------|-------------|---------------|-------------|
| No.                         | LINE | RADIUS   | LENGTH   | DELTA       | START STATION | END STATION |
| C.1                         | "PG" | 3000.00' | 405.85'  | 7° 45' 04"  | 29+51.45      | 33+57.30    |
| C.2                         | "PG" | 2000.00' | 714.96'  | 20° 28' 56" | 41+53.34      | 48+68.30    |
| C.3                         | "PG" | 1860.00' | 2469.23' | 76° 03' 45" | 48+68.30      | 73+37.53    |
| C.4                         | "PG" | 1992.00' | 1924.97' | 55° 22' 04" | 73+37.53      | 92+62.50    |
| C.5                         | "PG" | 2050.00' | 703.63'  | 19° 39' 57" | 101+95.91     | 108+99.54   |

| CURVE DATA TABLE |        |        |         |              |
|------------------|--------|--------|---------|--------------|
| No.              | LENGTH | RADIUS | TANGENT | DELTA        |
| C.7              | 35.25' | 50.00' | 18.39'  | 040° 23' 23" |
| C.10             | 29.78' | 50.22' | 15.34'  | 033° 58' 43" |

100% SUBMITTAL

L-5

| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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|           |             |      |    |

BENCH MARK ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

|               |
|---------------|
| SCALE         |
| HORIZ. 1"=40' |
| VERT. NONE    |

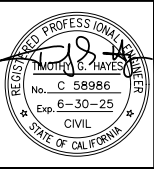


**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
LAYOUT

SHEET  
11  
OF  
99

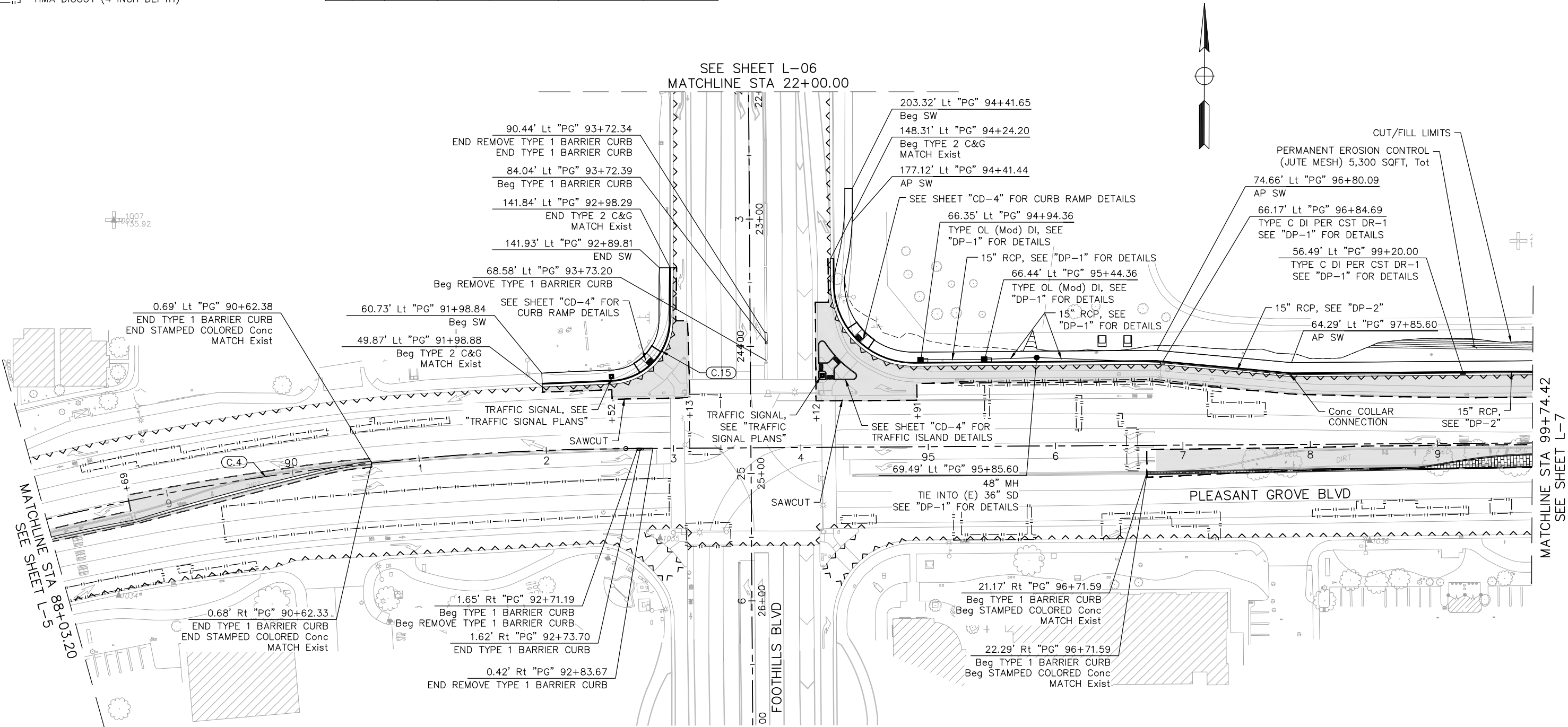
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Images: cropped\_Cor\_black\_topo.tif, PGB\_01.jpg, PGB\_02.jpg, PGB\_03.jpg, PGB\_04.jpg, PGB\_05.jpg

LEGEND:

- (X) CURVE DATA NUMBER
- NEW PAVEMENT AREA
- STAMPED CONCRETE
- SAWCUT LINE
- LIMIT OF HMA OVERLAY
- MONUMENT (CITY OF ROSEVILLE)
- HMA DIGOUT (4 INCH DEPTH)

| CONTROL CURVE SEGMENT TABLE |      |          |          |             |               |             |
|-----------------------------|------|----------|----------|-------------|---------------|-------------|
| No.                         | LINE | RADIUS   | LENGTH   | DELTA       | START STATION | END STATION |
| C.1                         | "PG" | 3000.00' | 405.85'  | 7° 45' 04"  | 29+51.45      | 33+57.30    |
| C.2                         | "PG" | 2000.00' | 714.96'  | 20° 28' 56" | 41+53.34      | 48+68.30    |
| C.3                         | "PG" | 1860.00' | 2469.23' | 76° 03' 45" | 48+68.30      | 73+37.53    |
| C.4                         | "PG" | 1992.00' | 1924.97' | 55° 22' 04" | 73+37.53      | 92+62.50    |
| C.5                         | "PG" | 2050.00' | 703.63'  | 19° 39' 57" | 101+95.91     | 108+99.54   |

| CURVE DATA TABLE |        |        |         |              |
|------------------|--------|--------|---------|--------------|
| No.              | LENGTH | RADIUS | TANGENT | DELTA        |
| C.7              | 35.25' | 50.00' | 18.39'  | 040° 23' 23" |
| C.10             | 29.78' | 50.22' | 15.34'  | 033° 58' 43" |



100% SUBMITTAL

L-6

PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
LAYOUT

SHEET  
12  
OF  
99

REVISIONS

| NO. | DESCRIPTION | DATE | BY |
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BENCH MARK

ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

SCALE

HORIZ. 1"=40'

VERT. NONE

CITY OF ROSEVILLE CALIFORNIA

PSOMAS

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023

REGISTERED PROFESSIONAL ENGINEER

MOYIN O. HAYES

No. C 58986

Exp. 6-30-25

CIVIL

STATE OF CALIFORNIA

PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
LAYOUT

SHEET  
12  
OF  
99

Xref: PGB\_X\_UTIL\PCB\_X\_Topo\_PCB\_Border\_22x34\PCB-R001\PCB\_X\_Topo\_Supplement\PCB-R001\PCB-W01\PCB-Digouts  
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Plotted: 06/29/2023 16:07:28. | Drawing: P:\6R0S013306\TRANSP\DESIGN\ROAD\SHEETS\05\_PGB\_L01-L08.dwg | Layout: L-6 | By: chris.brazil

LEGEND:

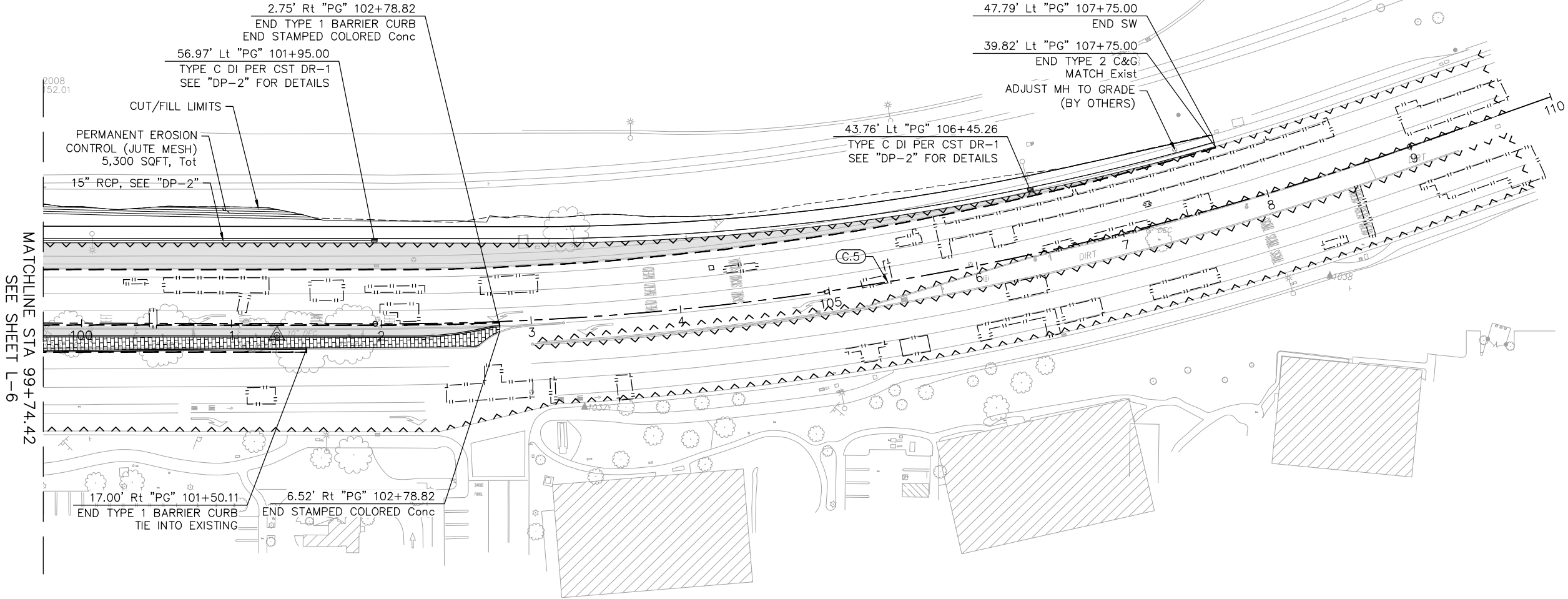
- X

CURVE DATA NUMBER
- NEW PAVEMENT AREA
- STAMPED CONCRETE
- SAWCUT LINE
- - - - -

LIMIT OF HMA OVERLAY
- MONUMENT (CITY OF ROSEVILLE)
- HMA DIGOUT (4 INCH DEPTH)

| CONTROL CURVE SEGMENT TABLE |      |          |          |             |               |             |
|-----------------------------|------|----------|----------|-------------|---------------|-------------|
| No.                         | LINE | RADIUS   | LENGTH   | DELTA       | START STATION | END STATION |
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| C.2                         | "PG" | 2000.00' | 714.96'  | 20° 28' 56" | 41+53.34      | 48+68.30    |
| C.3                         | "PG" | 1860.00' | 2469.23' | 76° 03' 45" | 48+68.30      | 73+37.53    |
| C.4                         | "PG" | 1992.00' | 1924.97' | 55° 22' 04" | 73+37.53      | 92+62.50    |
| C.5                         | "PG" | 2050.00' | 703.63'  | 19° 39' 57" | 101+95.91     | 108+99.54   |

| CURVE DATA TABLE |        |        |         |              |
|------------------|--------|--------|---------|--------------|
| No.              | LENGTH | RADIUS | TANGENT | DELTA        |
| C.7              | 35.25' | 50.00' | 18.39'  | 040° 23' 23" |
| C.10             | 29.78' | 50.22' | 15.34'  | 033° 58' 43" |



100% SUBMITTAL

L-7

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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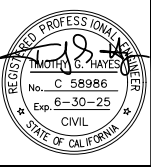
|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|               |  |
|---------------|--|
| SCALE         |  |
| HORIZ. 1"=40' |  |
| VERT. NONE    |  |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

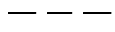
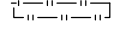
DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: TIM HAYES      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023

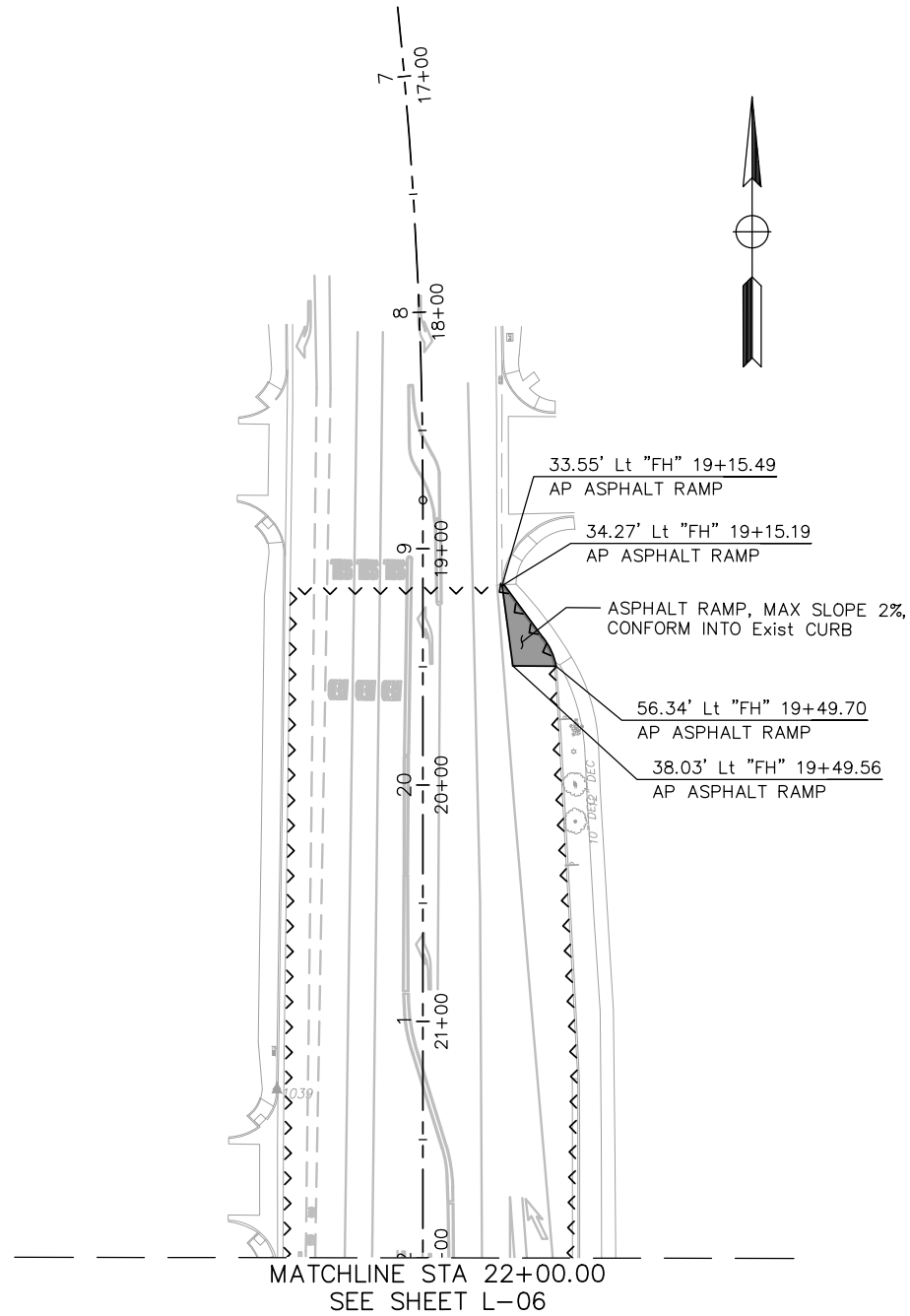


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
LAYOUT

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| SHEET |
| 13    |
| OF    |
| 99    |

Xref: PGB\_X\_UTIL\PCB\_X\_Topo\PCB\_Border\_22x34\PCB-R001\PCB\_X\_Topo\_Supplement\PCB-R001\PCB-W01\PCB-Digouts  
Images: cropped\_Cor\_black\_topo.tif\PCB\_01.jpg\PCB\_02.jpg\PCB\_03.jpg\PCB\_04.jpg\PCB\_05.jpg

- LEGEND:
-  CURVE DATA NUMBER
  -  NEW PAVEMENT AREA
  -  STAMPED CONCRETE
  -  SAWCUT LINE
  -  LIMIT OF HMA OVERLAY
  -  MONUMENT (CITY OF ROSEVILLE)
  -  HMA DIGOUT (4 INCH DEPTH)



100% SUBMITTAL

L-8

| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
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| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | NONE   |

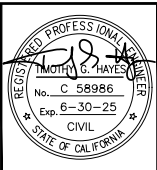


**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023

CHECKED BY: TIM HAYES      DATE 06/2023

DRAWN BY: DEBI HUYNH      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
LAYOUT

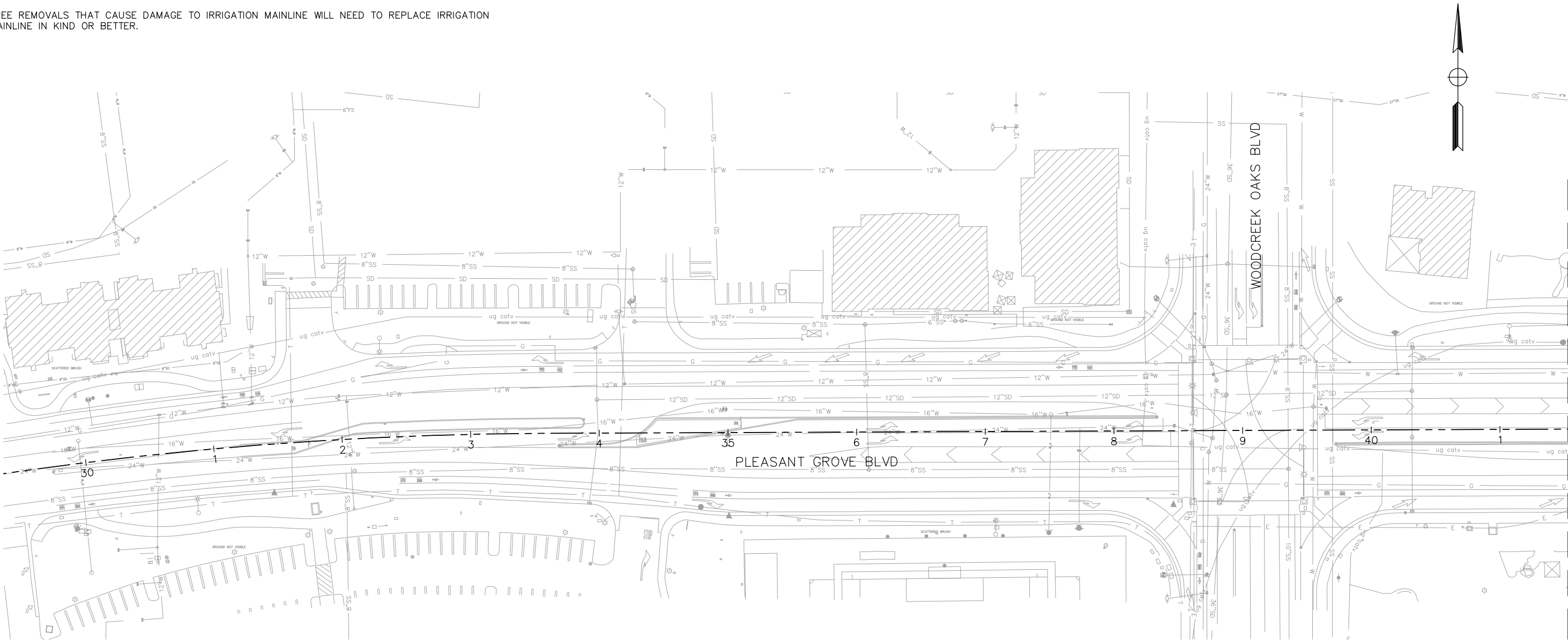
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Images: cropped\_Cor\_black\_topo.tif\PCB\_01.jpg\PCB\_02.jpg\PCB\_03.jpg\PCB\_04.jpg\PCB\_05.jpg

NOTES:

- 1. ALL UNDERGROUND UTILITIES (CONDUIT, PIPES, VALVES, ETC.) SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE CALLED OUT ON THESE UTILITY PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DURING CONSTRUCTION.
- 2. ALL SURFACE UTILITIES (MANHOLE COVERS, PULL BOXES, DRAINAGE INLETS, ETC.) SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE CALLED OUT ON THESE UTILITY PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGES INCURRED DURING CONSTRUCTION.
- 3. FOR PROPOSED DRAINAGE INLET AND PIPE CONNECTIONS NOT SHOWN, SEE CONSTRUCTION DETAILS SHEETS
- 4. FOR IRRIGATION DETAILS NOT SHOWN, SEE IRRIGATION PLANS.
- 5. EXISTING IRRIGATION MAINLINE IS 3-INCH SCHEDULE 40 PVC WITH SCHEDULE 40 SOLVENT-WELD FITTINGS.
- 6. EXISTING WATER METER SERVICE LINE IS 2-INCH SCHEDULE 40 PVC.
- 7. TREE REMOVALS THAT CAUSE DAMAGE TO IRRIGATION MAINLINE WILL NEED TO REPLACE IRRIGATION MAINLINE IN KIND OR BETTER.

CONSTRUCTION NOTES:

- 1 REMOVE (ITEM NAME)
- 2 RELOCATE (ITEM NAME)
- 3 ABANDON (ITEM NAME)
- 4 SALVAGE (ITEM NAME)
- 5 ADJUST TO GRADE (ITEM NAME)
- 6 PROTECT IN PLACE



MATCHLINE STA 41+52.81  
SEE SHEET U-2

NO IMPROVEMENTS ON THIS SHEET

100% SUBMITTAL

U-1

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
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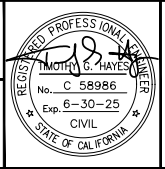
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|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | NONE   |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: TIM HAYES      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023



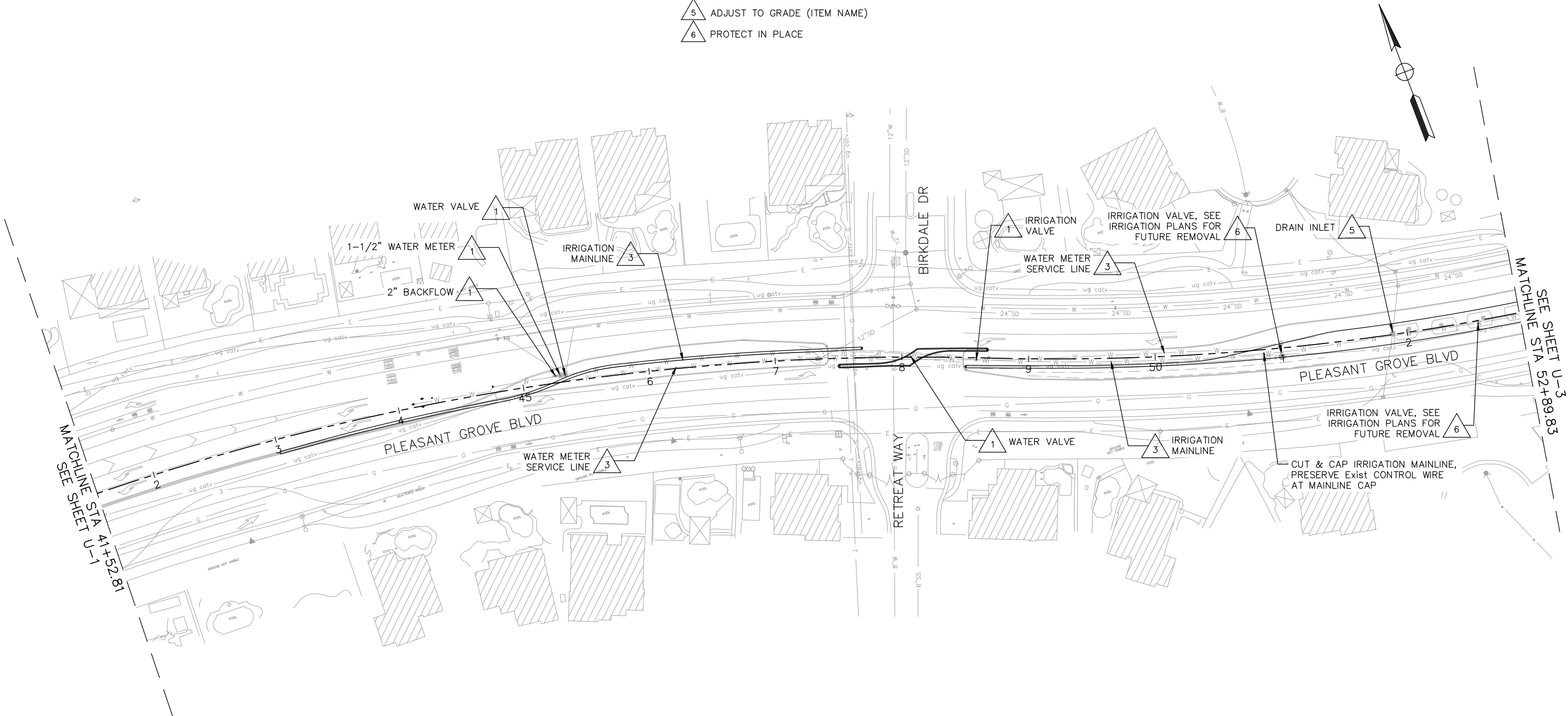
PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
UTILITY PLAN

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| SHEET | 15 |
| OF    | —  |
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Xref: PGB\_X\_UTIL.PCB X\_Topo.PCB X\_Topo\_Supplement.PCB-SS01.PCB-Digouts  
Images: cropped COR black logo.tif cropped COR black logo.tif

CONSTRUCTION NOTES:

- 1 REMOVE (ITEM NAME)
- 2 RELOCATE (ITEM NAME)
- 3 ABANDON (ITEM NAME)
- 4 SALVAGE (ITEM NAME)
- 5 ADJUST TO GRADE (ITEM NAME)
- 6 PROTECT IN PLACE



100% SUBMITTAL

U-2

| REVISIONS |             |      |    |
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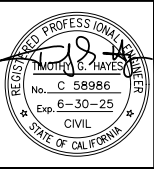
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|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | NONE   |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

|                           |              |
|---------------------------|--------------|
| DESIGNED BY: CHRIS BRAZIL | DATE 06/2023 |
| CHECKED BY: TIM HAYES     | DATE 06/2023 |
| DRAWN BY: DEBI HUYNH      | DATE 06/2023 |



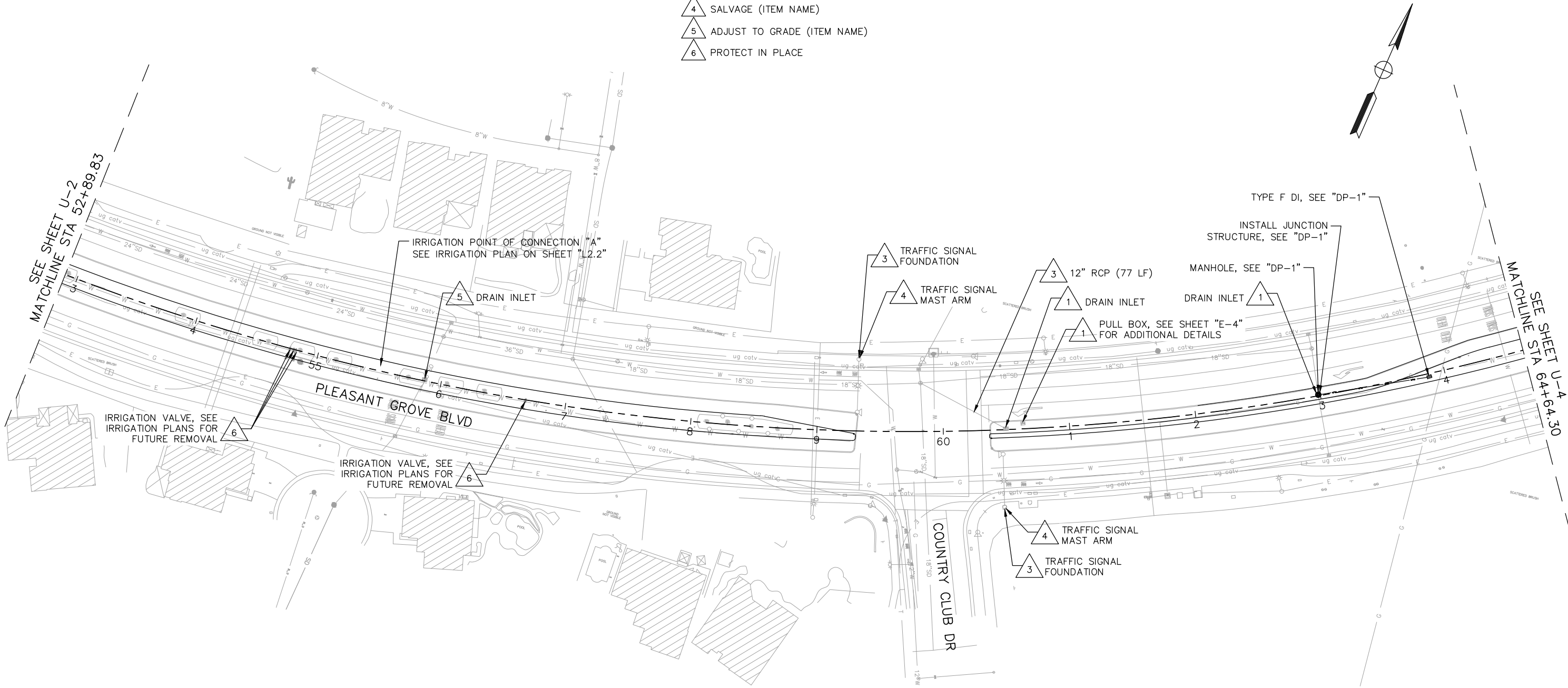
PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
UTILITY PLAN

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| SHEET | 16 |
| OF    | —  |
|       | 99 |



CONSTRUCTION NOTES:

- 1 REMOVE (ITEM NAME)  
2 RELOCATE (ITEM NAME)  
3 ABANDON (ITEM NAME)  
4 SALVAGE (ITEM NAME)  
5 ADJUST TO GRADE (ITEM NAME)  
6 PROTECT IN PLACE



100% SUBMITTAL

U-3

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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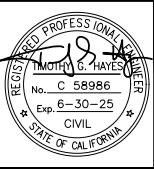
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|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | NONE   |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: TIM HAYES      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
UTILITY PLAN



- 1 REMOVE (ITEM NAME)
- 2 RELOCATE (ITEM NAME)
- 3 ABANDON (ITEM NAME)
- 4 SALVAGE (ITEM NAME)
- 5 ADJUST TO GRADE (ITEM NAME)
- 6 PROTECT IN PLACE



U-4

[illegible]

BENCH MARK ELEV. 121.55'

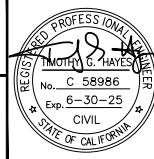
THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | NONE   |



**P S O M A S**  
410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023  
CHECKED BY: TIM HAYES DATE 06/2023  
DRAWN BY: DEBI HUYNH DATE 06/2023

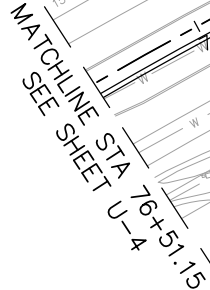


# PLEASANT GROVE BOULEVARD WIDENING PROJECT UTILITY PLAN

SHEET  
18  
— OF —  
99



- 1 REMOVE (ITEM NAME)
- 2 RELOCATE (ITEM NAME)
- 3 ABANDON (ITEM NAME)
- 4 SALVAGE (ITEM NAME)
- 5 ADJUST TO GRADE (ITEM NAME)
- 6 PROTECT IN PLACE



U-5

|                                             |  |  |  |                                                                                                                                                                          |  |                                                                                       |  |                                                                                                                                                                                                                |  |                                                                                       |  |                                                                       |  |                         |  |
|---------------------------------------------|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------|--|-------------------------|--|
| <b>REVISIONS</b><br>NO. DESCRIPTION DATE BY |  |  |  | <b>BENCH MARK</b> ELEV. 121.55'<br><br>THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |  |  | <b>PSOMAS</b><br>1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122<br><br>DESIGNED BY: CHRIS BRAZIL DATE 06/2023<br>CHECKED BY: TIM HAYES DATE 06/2023<br>DRAWN BY: DEBI HUYNH DATE 06/2023 |  |  |  | <b>PLEASANT GROVE BOULEVARD<br/>WIDENING PROJECT<br/>UTILITY PLAN</b> |  | SHEET<br>19<br>OF<br>99 |  |
|---------------------------------------------|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------|--|-------------------------|--|

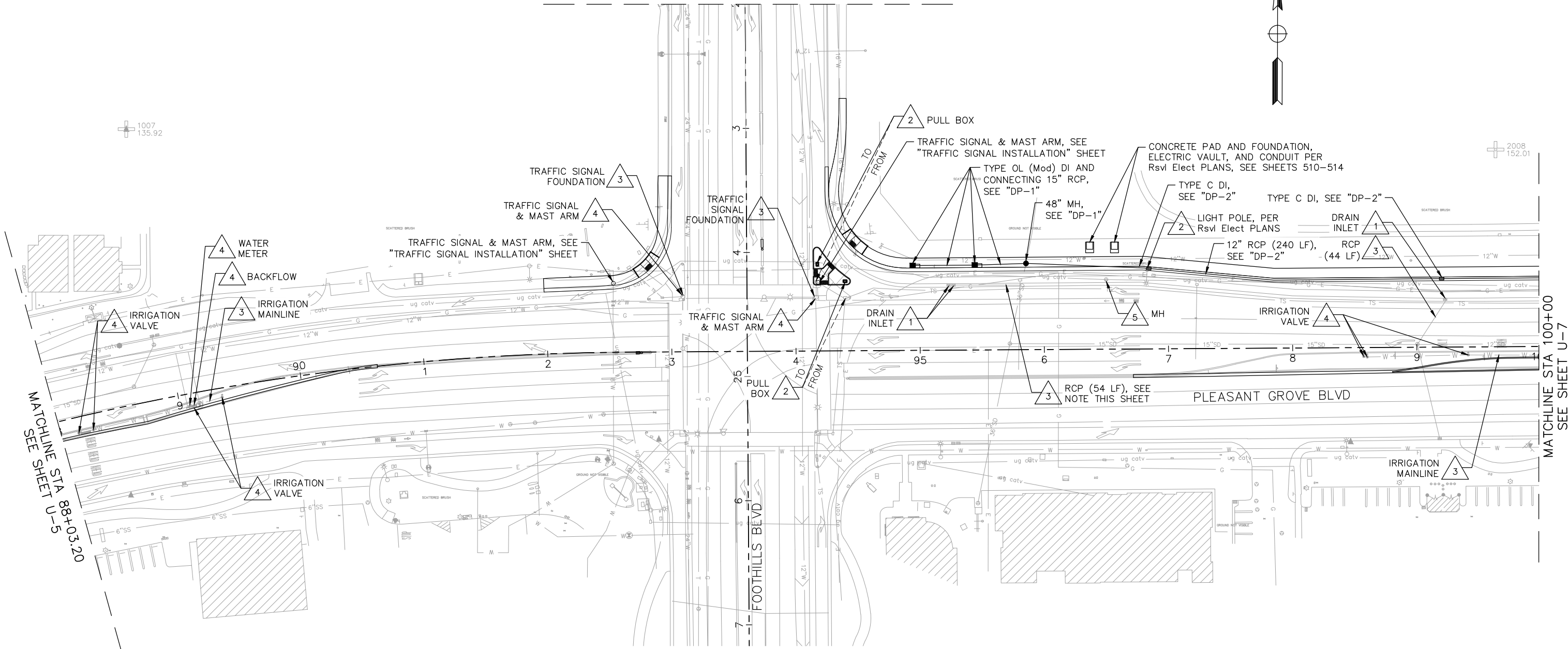
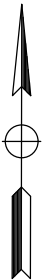
NOTE:

RCP TO BE ABANDONED SHALL BE CAPPED AT THE END ONCE THE DRAIN INLET CONNECTED TO IT IS REMOVED. SEE CONSTRUCTION DETAILS SHEET CD-05 FOR ADDITIONAL DETAILS.

CONSTRUCTION NOTES:

- 1 REMOVE (ITEM NAME)
- 2 RELOCATE (ITEM NAME)
- 3 ABANDON (ITEM NAME)
- 4 SALVAGE (ITEM NAME)
- 5 ADJUST TO GRADE (ITEM NAME)
- 6 PROTECT IN PLACE

SEE SHEET U-06  
MATCHLINE STA 22+00.00



100% SUBMITTAL

U-6

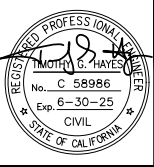
| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | NONE   |



|                                                                      |              |  |  |
|----------------------------------------------------------------------|--------------|--|--|
| <b>PSOMAS</b>                                                        |              |  |  |
| 1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122 |              |  |  |
| DESIGNED BY: CHRIS BRAZIL                                            | DATE 06/2023 |  |  |
| CHECKED BY: TIM HAYES                                                | DATE 06/2023 |  |  |
| DRAWN BY: DEBI HUYNH                                                 | DATE 06/2023 |  |  |

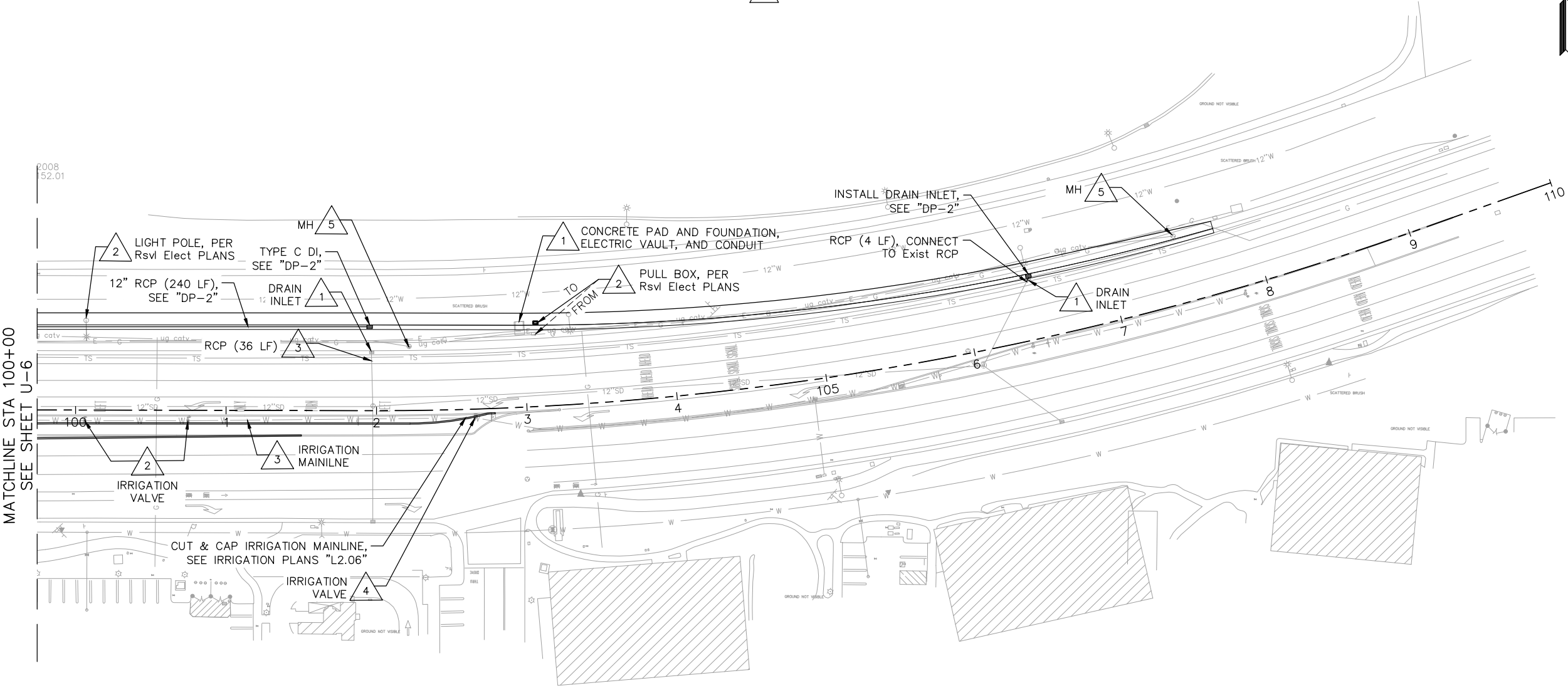


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
UTILITY PLAN

|       |
|-------|
| SHEET |
| 20    |
| OF    |
| 99    |

CONSTRUCTION NOTES:

- 1 REMOVE (ITEM NAME)  
2 RELOCATE (ITEM NAME)  
3 ABANDON (ITEM NAME)  
4 SALVAGE (ITEM NAME)  
5 ADJUST TO GRADE (ITEM NAME)  
6 PROTECT IN PLACE



100% SUBMITTAL

U-7

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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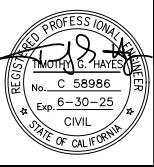
| BENCH MARK                                                                                                                        |         |
|-----------------------------------------------------------------------------------------------------------------------------------|---------|
| ELEV.                                                                                                                             | 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |         |

| SCALE  |        |
|--------|--------|
| HORIZ. | 1"=40' |
| VERT.  | NONE   |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023  
CHECKED BY: TIM HAYES DATE 06/2023  
DRAWN BY: DEBI HUYNH DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
UTILITY PLAN

|       |    |
|-------|----|
| SHEET | 21 |
| OF    | 99 |

CONSTRUCTION NOTES:

- 1

REMOVE (ITEM NAME)
- 2

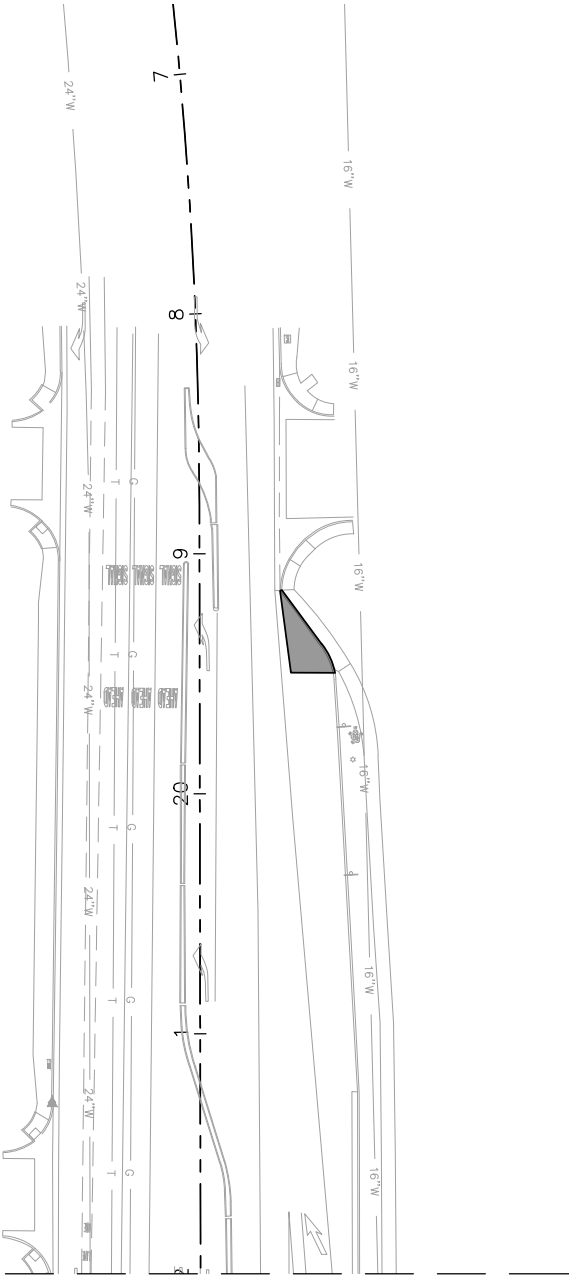
RELOCATE (ITEM NAME)
- 3

ABANDON (ITEM NAME)
- 4

SALVAGE (ITEM NAME)
- 5

ADJUST TO GRADE (ITEM NAME)
- 6

PROTECT IN PLACE



MATCHLINE STA 22+00.00  
SEE SHEET U-06

100% SUBMITTAL

U-8

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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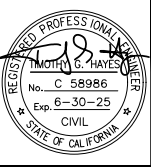
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|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | NONE   |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

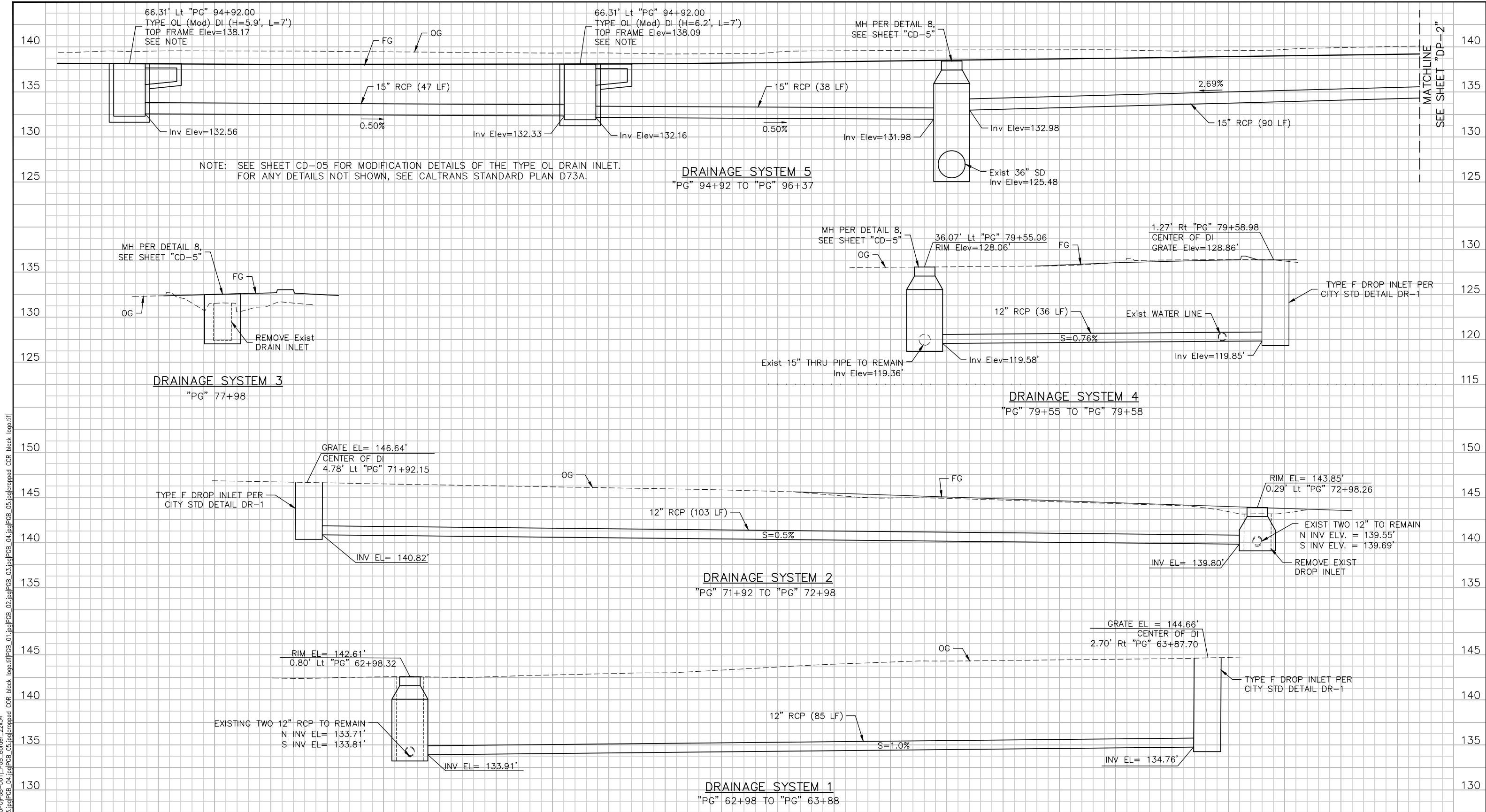
DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: TIM HAYES      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
UTILITY PLAN

|       |
|-------|
| SHEET |
| 22    |
| OF    |
| 99    |

Xref: PGB-P001PGB\_X\_UTILPGB\_X\_TOPOPGB-D01L\_PGB\_Border\_22x34  
Images: PGB\_01.jpg|PGB\_02.jpg|PGB\_03.jpg|PGB\_04.jpg|PGB\_05.jpg|cropped COR\_black\_logo.tif|cropped COR\_black\_logo.tif



100% SUBMITTAL

DP-1

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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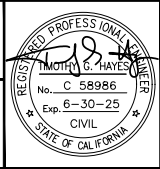
|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|              |  |
|--------------|--|
| SCALE        |  |
| HORIZ. 1"=5' |  |
| VERT. 1"=5'  |  |



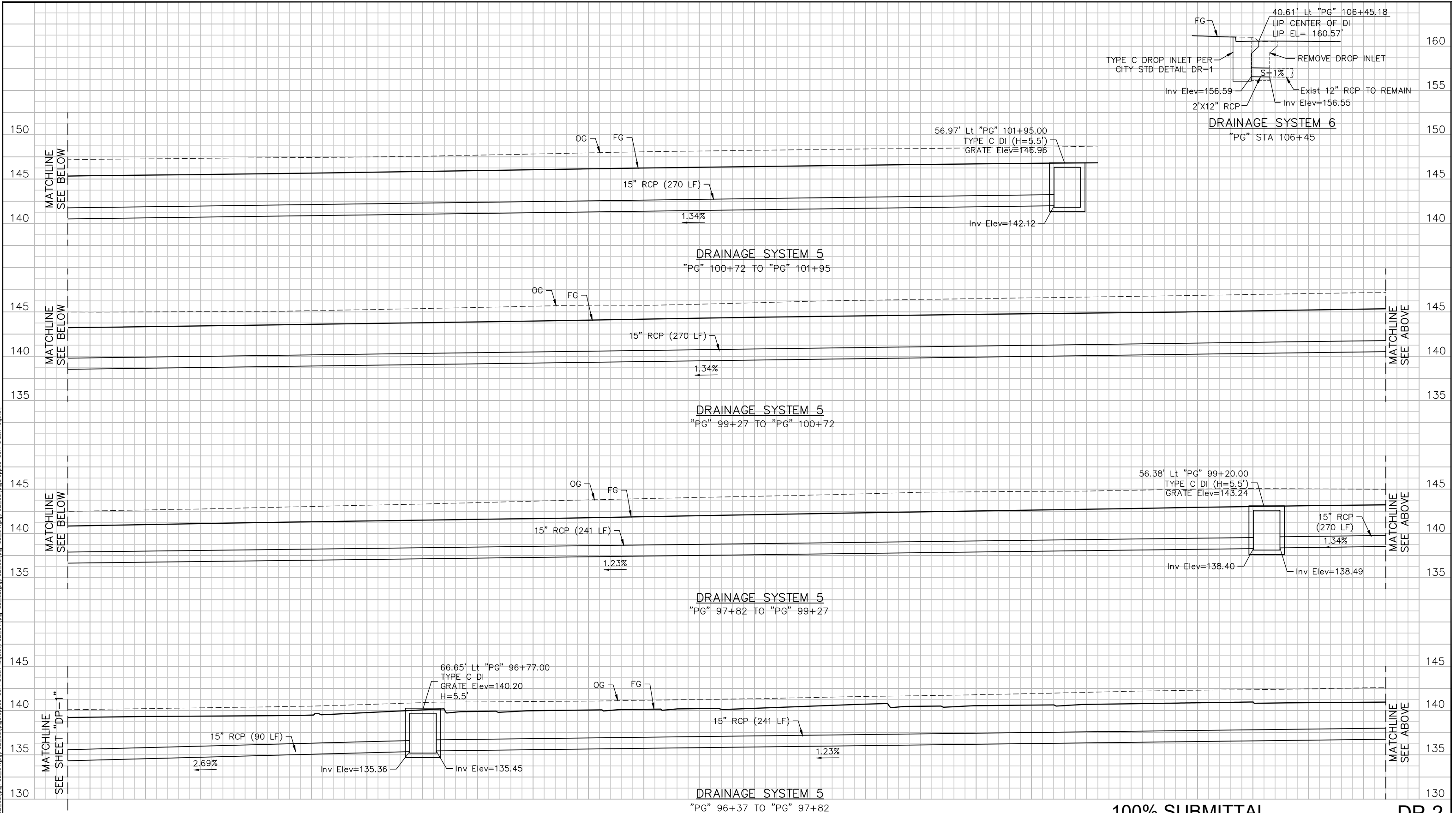
**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: TIM HAYES      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
DRAINAGE PROFILES

Xref: PGB-P001PGB\_X\_UTILPGB\_X\_TOPOPGB-D01L\_PGB\_Border\_22x34  
Images: PGB\_01.jpg|PGB\_02.jpg|PGB\_03.jpg|PGB\_04.jpg|PGB\_05.jpg|cropped COR\_black\_logo.tif|cropped COR\_black\_logo.tif



100% SUBMITTAL

DP-2

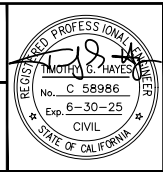
| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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|           |             |      |    |

|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|              |  |
|--------------|--|
| SCALE        |  |
| HORIZ. 1"=5' |  |
| VERT. 1"=5'  |  |



|                                                                      |              |  |  |
|----------------------------------------------------------------------|--------------|--|--|
| <b>PSOMAS</b>                                                        |              |  |  |
| 1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122 |              |  |  |
| DESIGNED BY: CHRIS BRAZIL                                            | DATE 06/2023 |  |  |
| CHECKED BY: TIM HAYES                                                | DATE 06/2023 |  |  |
| DRAWN BY: DEBI HUYNH                                                 | DATE 06/2023 |  |  |



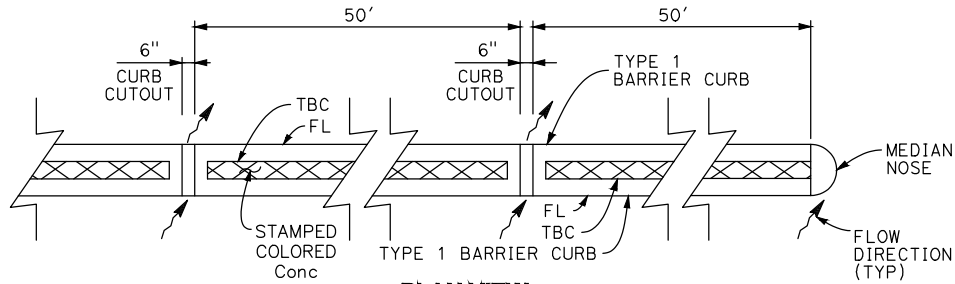
PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
DRAINAGE PROFILES

|       |
|-------|
| SHEET |
| 24    |
| OF    |
| 99    |

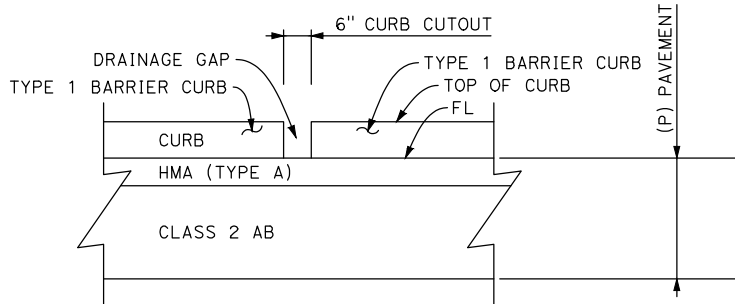


NOTES

- 1 PER CITY OF ROSEVILLE STD PLAN ST-37, THE STANDARD PATTERN SHALL BE "BASKETWEAVE USED BRICK" AND THE STANDARD COLOR SHALL BE DAVIS STYLE TILE RED #1117, OR SCOFIELD SYSTEMS CHROMIX QUARRY RED, OR AS APPROVED EQUAL. APPLY 60 POUNDS PER 80 SQUARE FEET IN TWO HAND BROADCAST APPLICATIONS. CONTRACTOR MAY ELECT TO INCORPORATE APPROVED COLOR INTO CONCRETE MIX AT 30 POUNDS OF COLOR, INTEGRALLY MIXED, PER CUBIC YARD.
- 2 TYPE 1 BARRIER CURB PER CITY OF ROSEVILLE STD PLAN ST-18
- 3 BACKFILL MEDIANS TO FINISH GRADE WITH IMPORT TOPSOIL
- 4 SEE CITY OF ROSEVILLE STANDARDS FOR EPOXY BETWEEN HMA AND BARRIER CURB

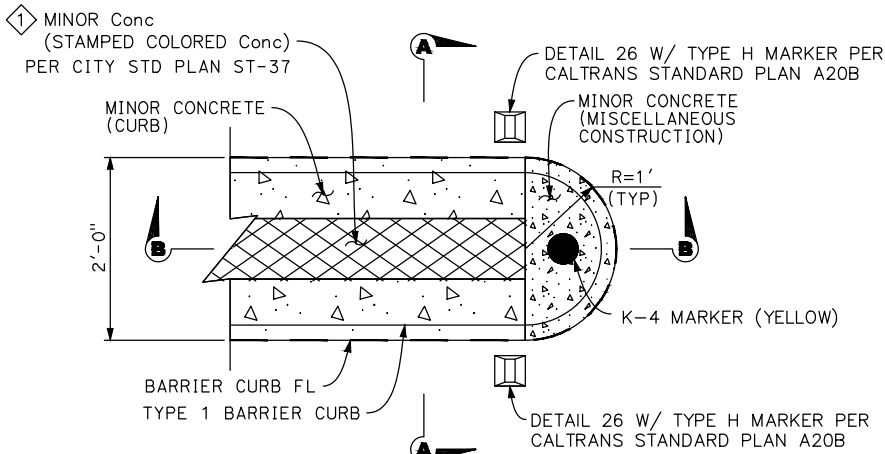


PLAN VIEW  
NO SCALE

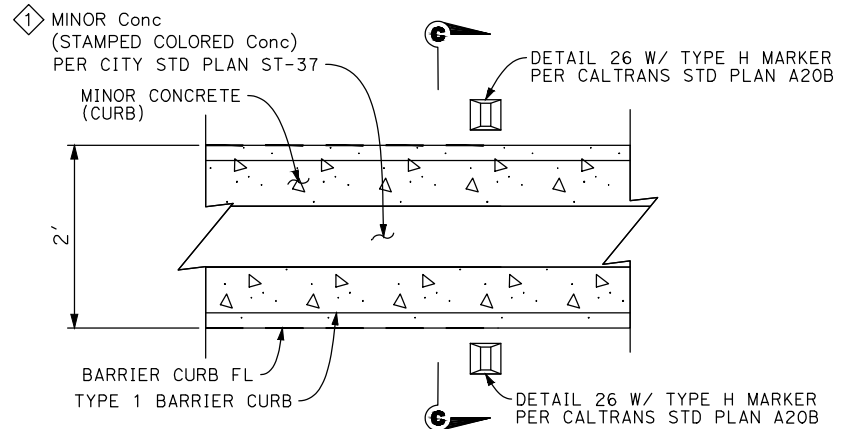


ELEVATION VIEW  
NO SCALE

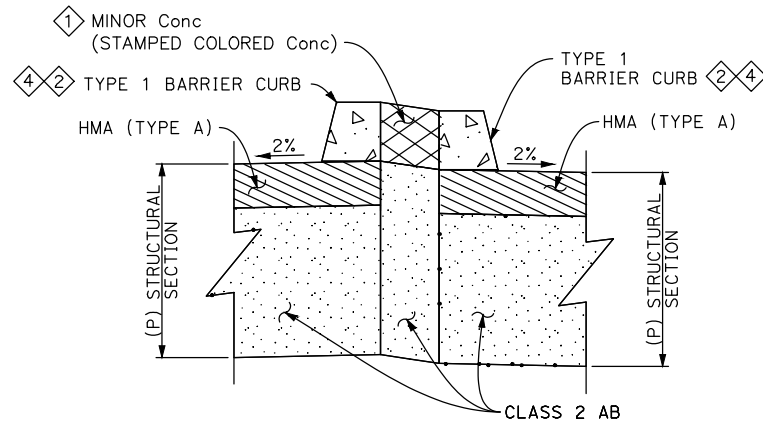
3 CURB CUTOUT  
NO SCALE



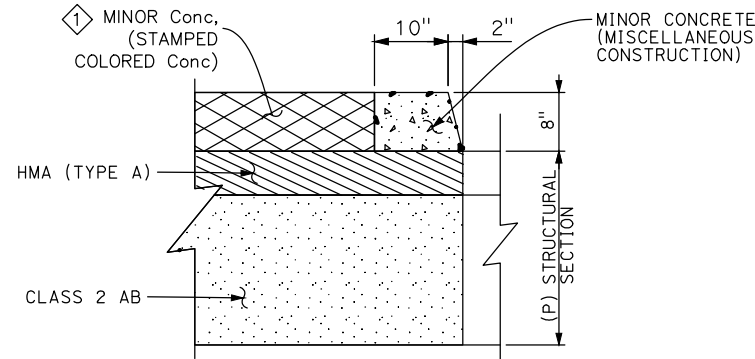
1 MEDIAN NOSE  
NO SCALE



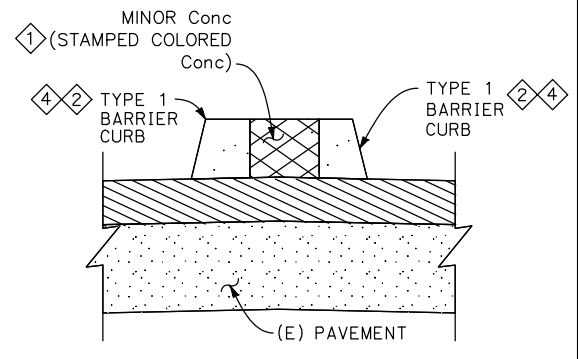
2 MEDIAN BARRIER CURB  
NO SCALE



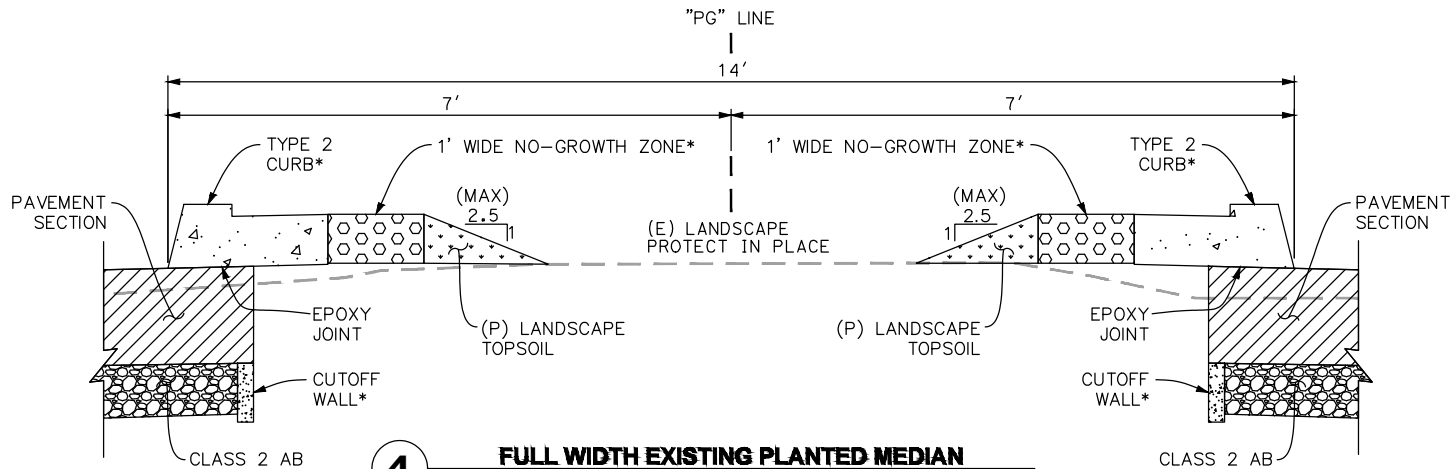
SECTION A-A  
NO SCALE



SECTION B-B  
NO SCALE



SECTION C-C  
NO SCALE



4 FULL WIDTH EXISTING PLANTED MEDIAN  
NO SCALE

\* SEE CITY OF ROSEVILLE STANDARD DRAWING (ST-28) FOR ADDITIONAL DETAILS

100% SUBMITTAL

CD-1

PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
CONSTRUCTION DETAILS

SHEET  
25  
OF  
99

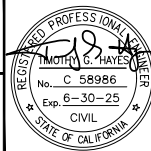
| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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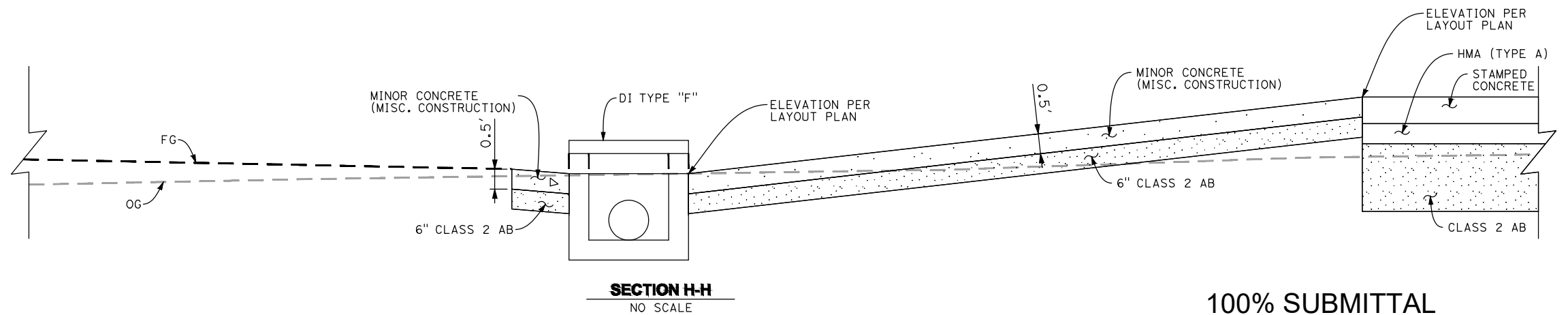
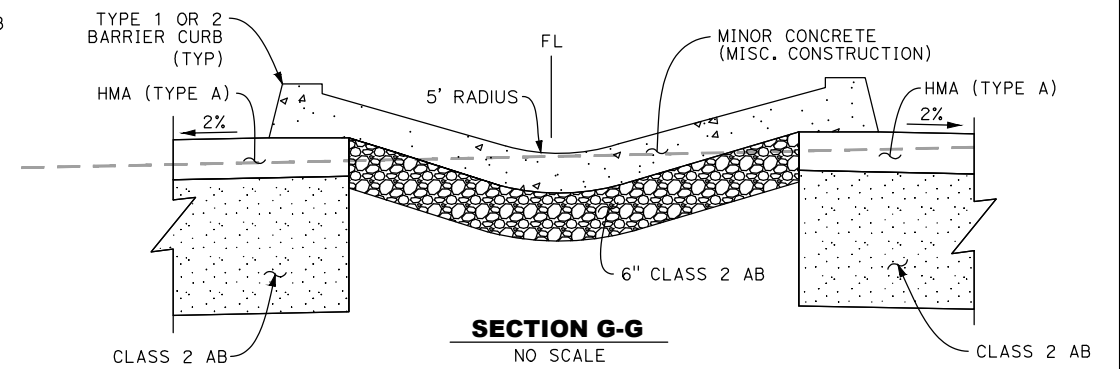
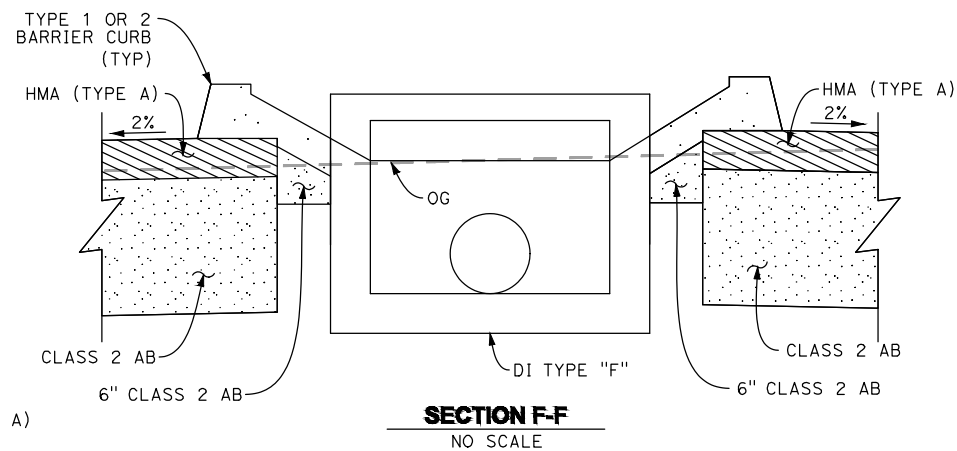
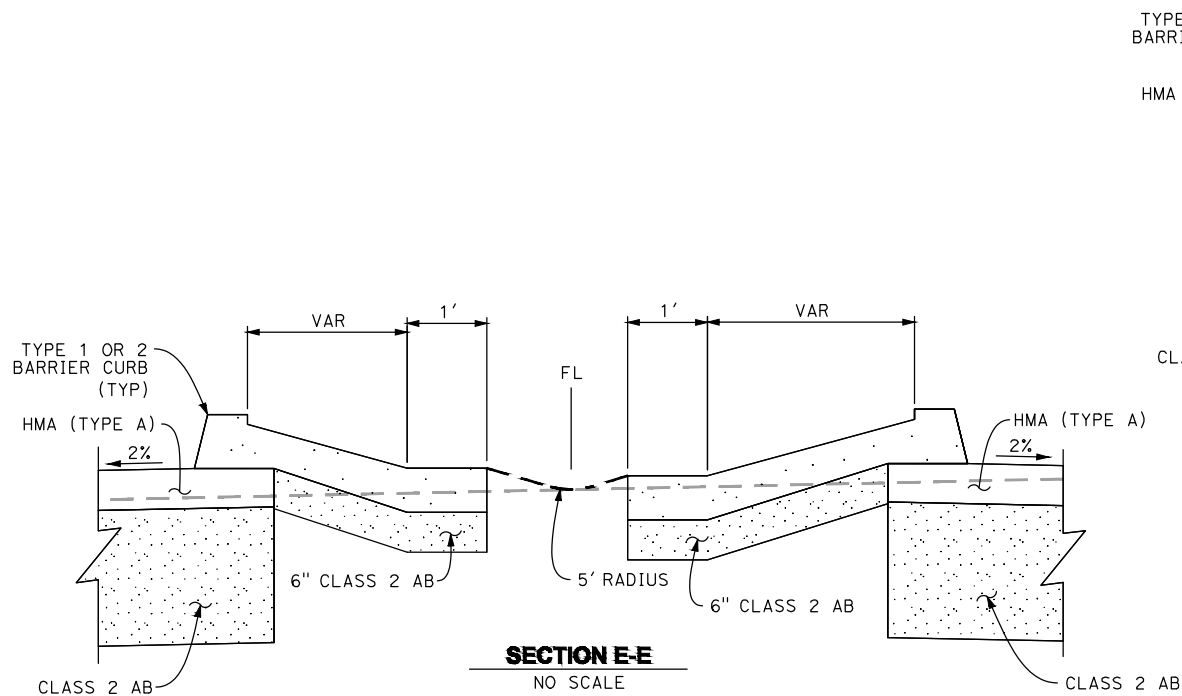
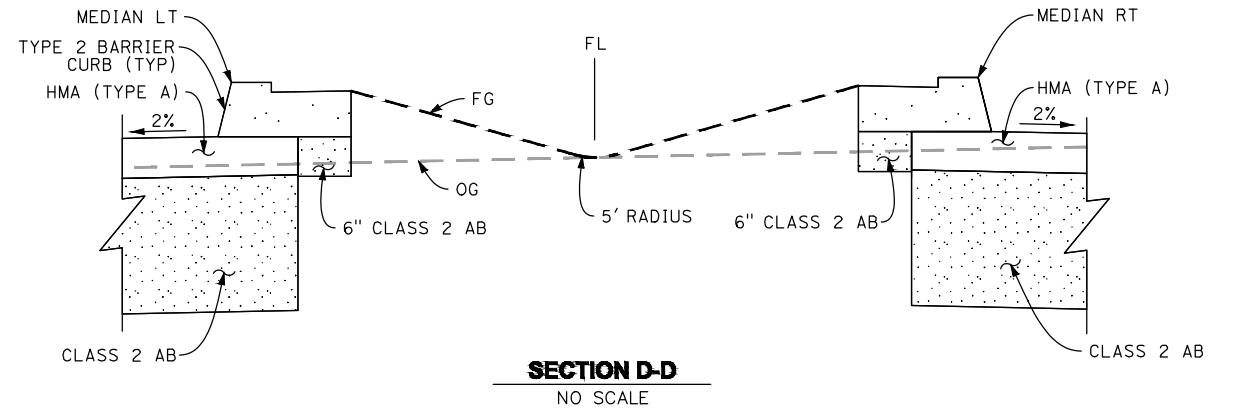
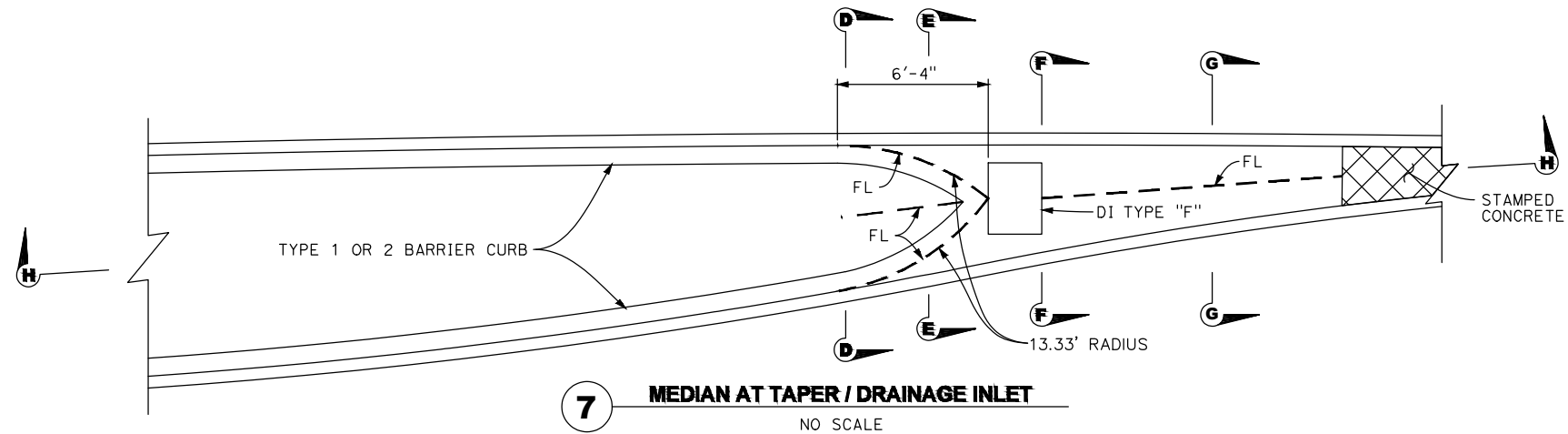
BENCH MARK ELEV. 121.55'  
THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

SCALE  
HORIZ. N/A  
VERT. N/A



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122  
DESIGNED BY: CHRIS BRAZIL DATE 06/2023  
CHECKED BY: TIM HAYES DATE 06/2023  
DRAWN BY: DEBI HUYNH DATE 06/2023





100% SUBMITTAL

CD-2

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

**BENCH MARK** ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

| SCALE  |     |
|--------|-----|
| HORIZ. | N/A |
| VERT.  | N/A |



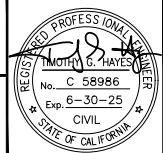
**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023



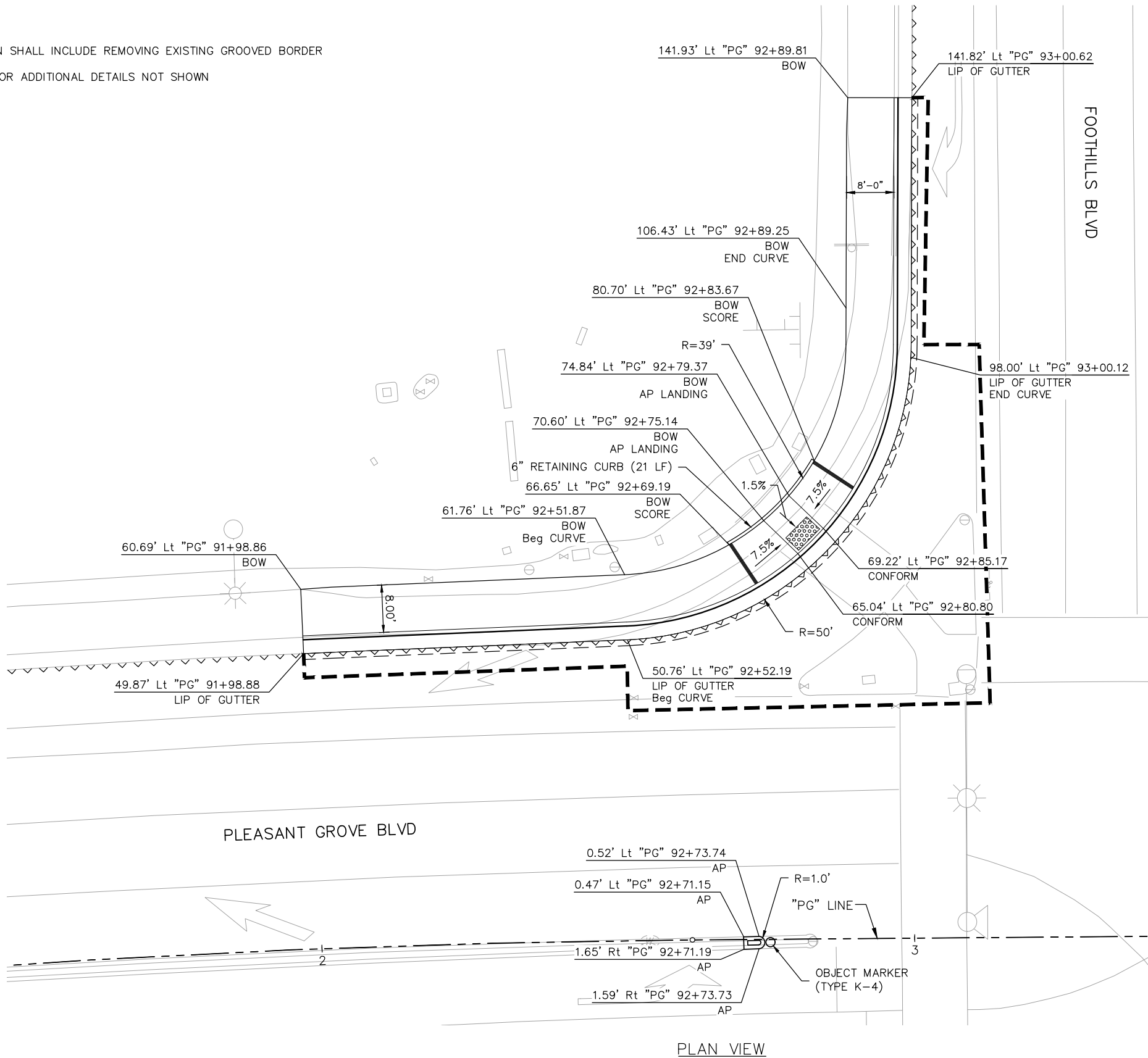
**PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
CONSTRUCTION DETAILS**

SHEET  
26  
OF  
99



NOTES:

- 1) LIMITS OF CURB RAMP RECONSTRUCTION SHALL INCLUDE REMOVING EXISTING GROOVED BORDER
- 2) SEE CITY STANDARD DRAWING ST-19 FOR ADDITIONAL DETAILS NOT SHOWN



100% SUBMITTAL

CD-3

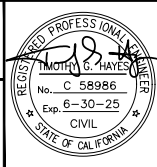
| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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|           |             |      |    |
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|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|               |  |
|---------------|--|
| SCALE         |  |
| HORIZ. 1"=10' |  |
| VERT. N/A     |  |



|                                                                      |              |
|----------------------------------------------------------------------|--------------|
| <b>PSOMAS</b>                                                        |              |
| 1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122 |              |
| DESIGNED BY: CHRIS BRAZIL                                            | DATE 06/2023 |
| CHECKED BY: TIM HAYES                                                | DATE 06/2023 |
| DRAWN BY: DEBI HUYNH                                                 | DATE 06/2023 |



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
CONSTRUCTION DETAILS

SHEET  
27  
OF  
99

- 1) LIMITS OF CURB RAMP RECONSTRUCTION SHALL INCLUDE REMOVING EXISTING GROOVED BORDER
- 2) SEE CITY STANDARD DRAWING ST-19 FOR ADDITIONAL DETAILS NOT SHOWN



CD-4

[illegible]

BENCH MARK ELEV. 121.55'

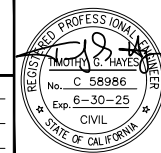
THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

|        |       |
|--------|-------|
| SCALE  |       |
| HORIZ. | 1"=5' |
| VERT.  | N/A   |



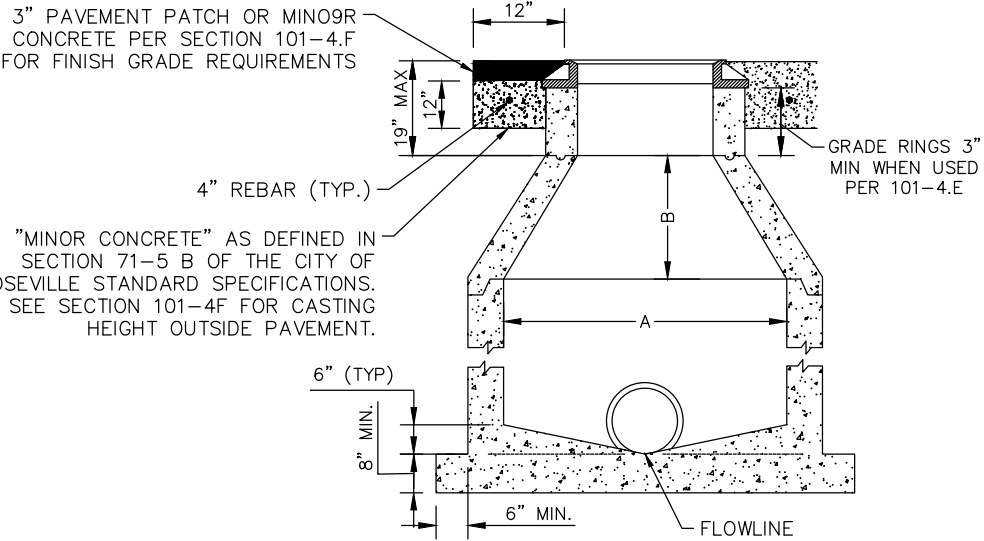
**P S O M A S**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

|              |                     |      |                |
|--------------|---------------------|------|----------------|
| DESIGNED BY: | <u>CHRIS BRAZIL</u> | DATE | <u>06/2023</u> |
| CHECKED BY:  | <u>TIM HAYES</u>    | DATE | <u>06/2023</u> |
| DRAWN BY:    | <u>DEBI HUYNH</u>   | DATE | <u>06/2023</u> |



# PLEASANT GROVE BOULEVARD WIDENING PROJECT CONSTRUCTION DETAILS

SHEET  
28  
OF —  
99



**8** STANDARD PRECAST MANHOLE

NOT TO SCALE

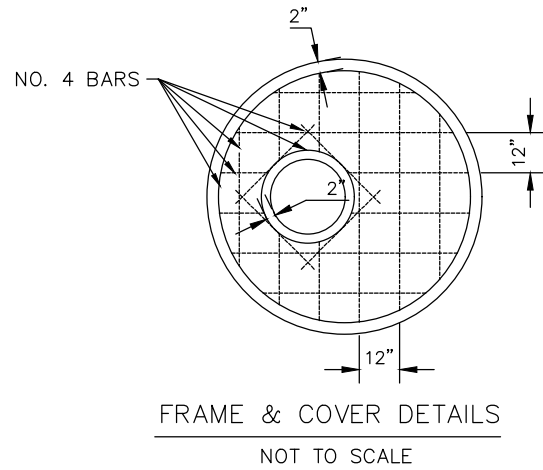
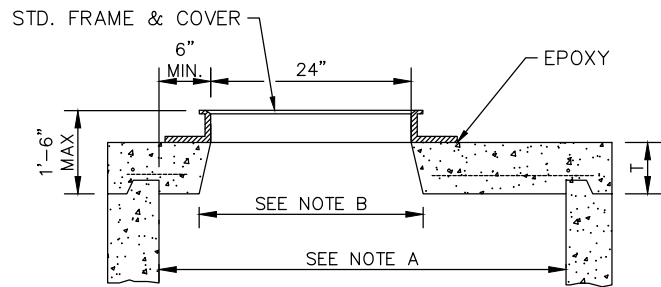


TABLE OF DIMENSIONS

| A   | B          | T MIN. |
|-----|------------|--------|
| 48" | 18"        | 6"     |
| 60" | 30"        | 8"     |
| 72" | 42"        | 8"     |
| 84" | 54"        | 12"    |
| 96" | 12" (FLAT) | 12"    |

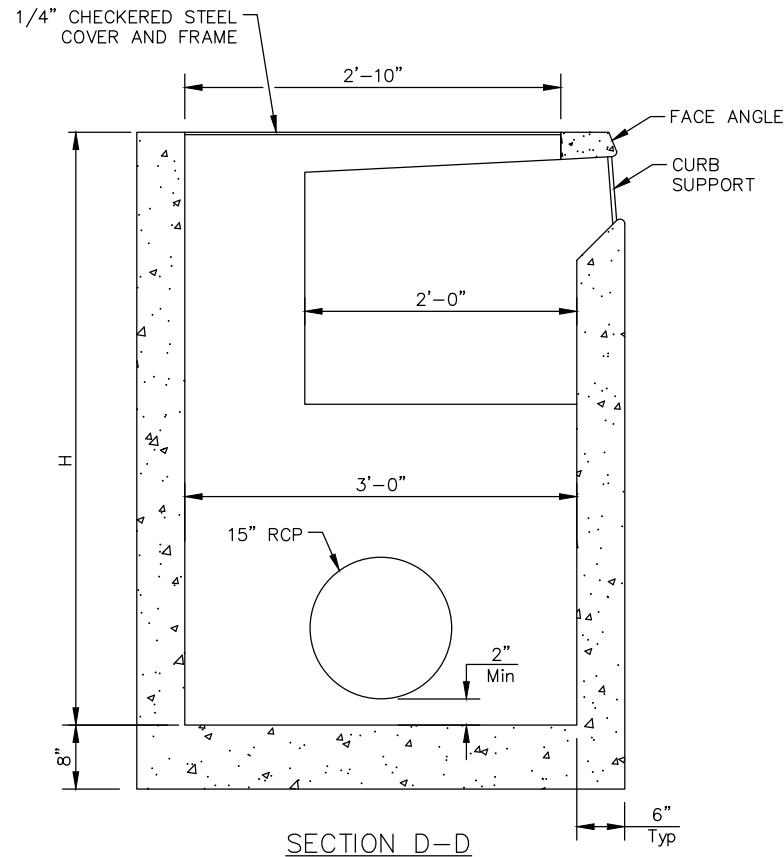
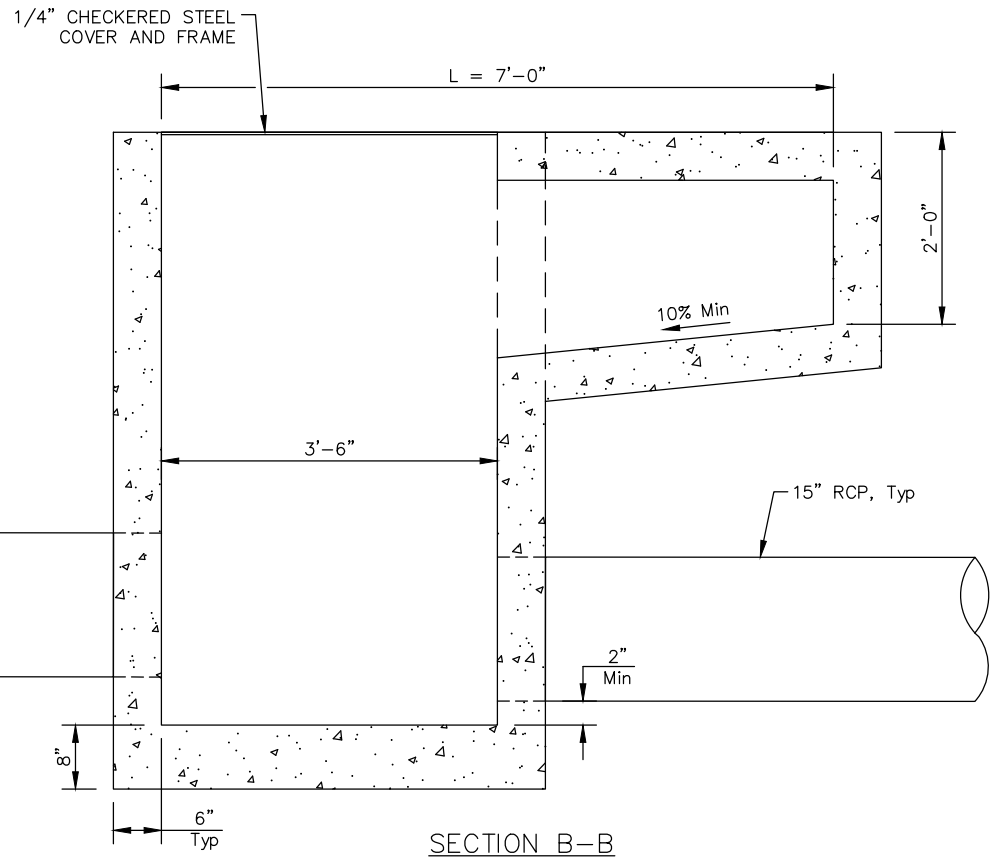
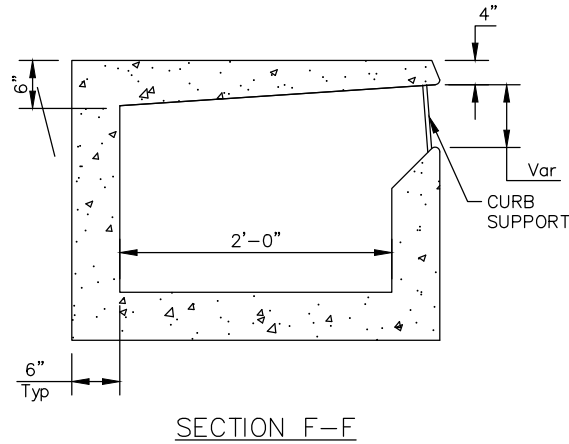
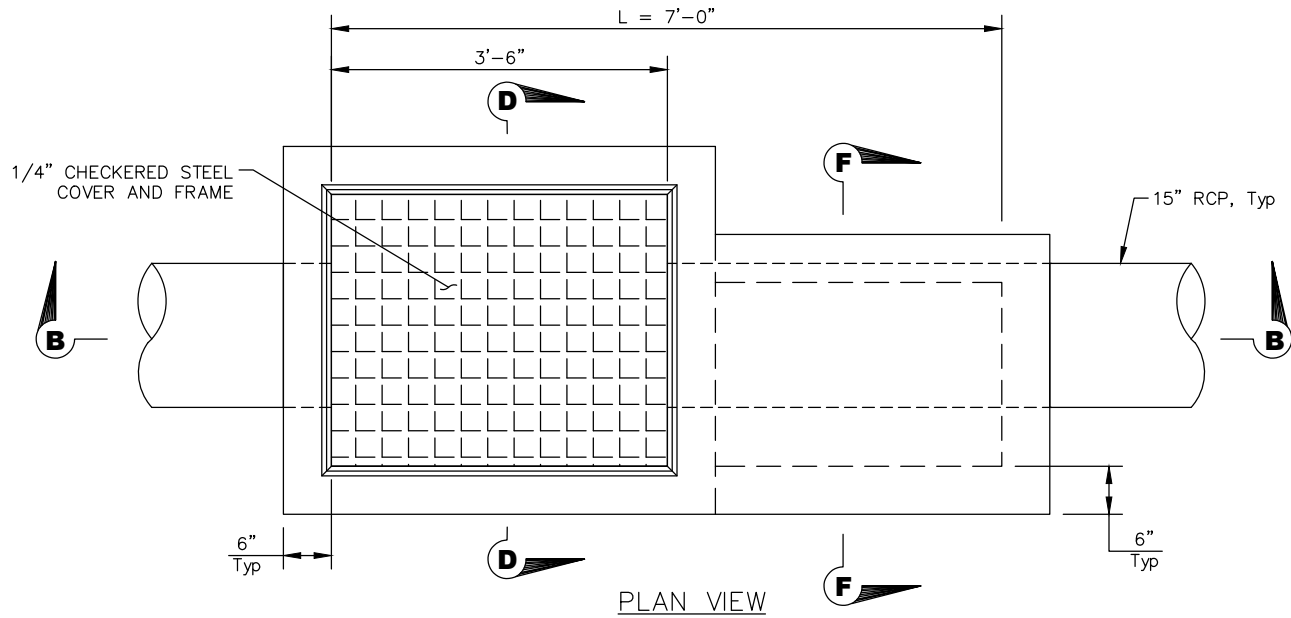
DIMENSION "B" IS A MINIMUM DIMENSION AND MAY BE GREATER IF DEPTH PERMITS.

RISER SECTIONS, CONES, AND ADJUSTING RINGS SHALL CONFORM TO ASTM DESIGNATION C-478.



NOTES:

- A) A FLAT TOP SLAB SHALL BE USED WHEN A SHALLOW LINE DOES NOT PERMIT USE OF A TAPERED CONE. NO CONCRETE COLLAR REQUIRED.
- B) IF THE BOTTOM, INSIDE DIAMETER OF THE FLAT TOP OPENING IS 28 INCHES OR MORE, THE THICKNESS OF THE SLAB MAY BE DISREGARDED IN COMPUTING THE MAXIMUM 18 INCH HEIGHT OF THE OPENING.



TYPE OL (MODIFIED) DRAIN INLET

SCALE: N.T.S.

NOTE: FOR REINFORCING SIZE, SPACING, AND PLACEMENT DETAILS, AND ADDITIONAL DIMENSIONS OR DETAILS NOT SHOWN, SEE CALTRANS STANDARD PLAN D73A

100% SUBMITTAL

CD-5

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

BENCH MARK ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

SCALE

HORIZ. 1"=5'

VERT. N/A



**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

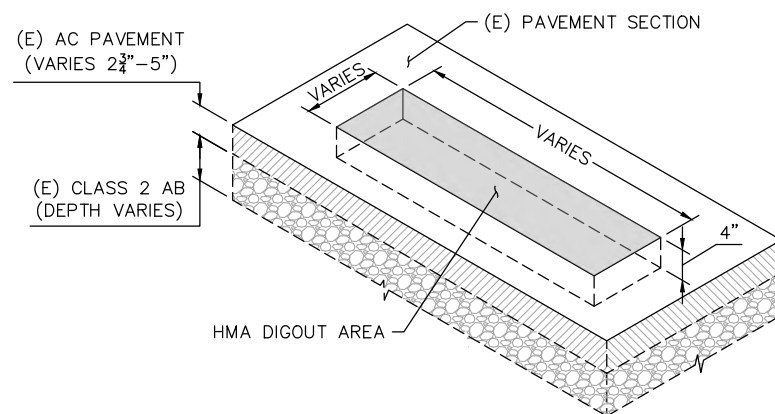
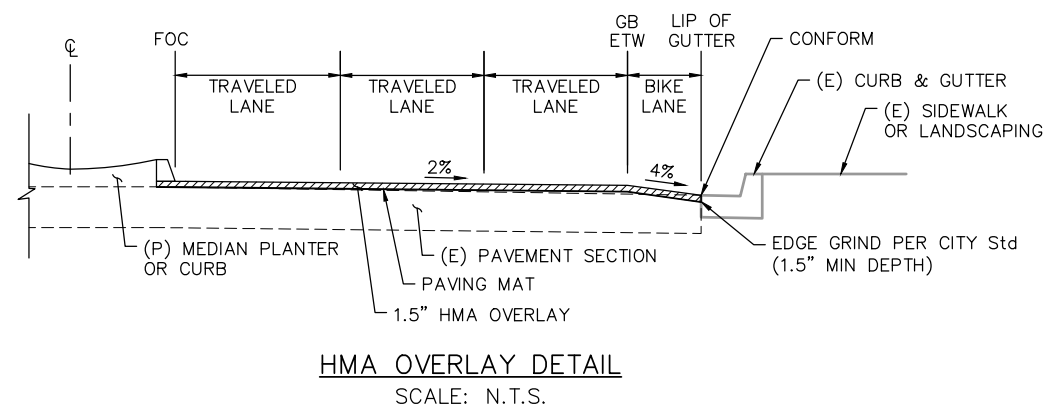
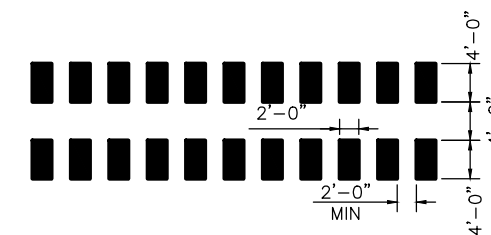
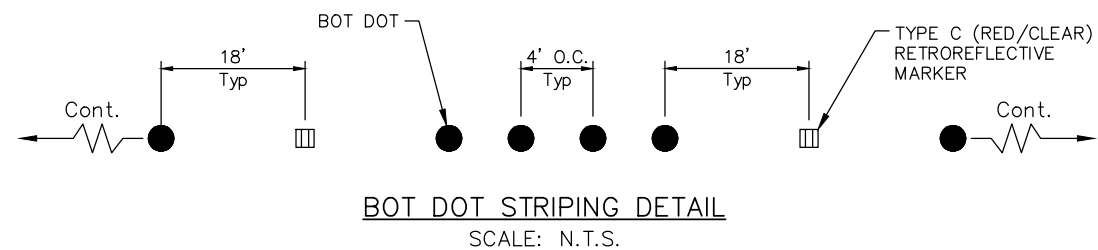
CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023

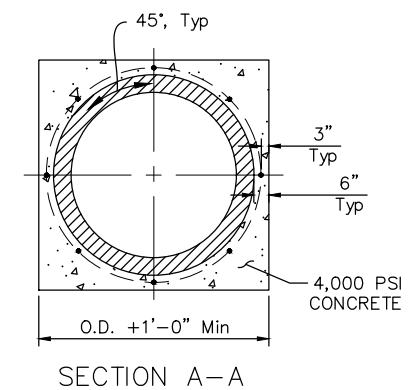
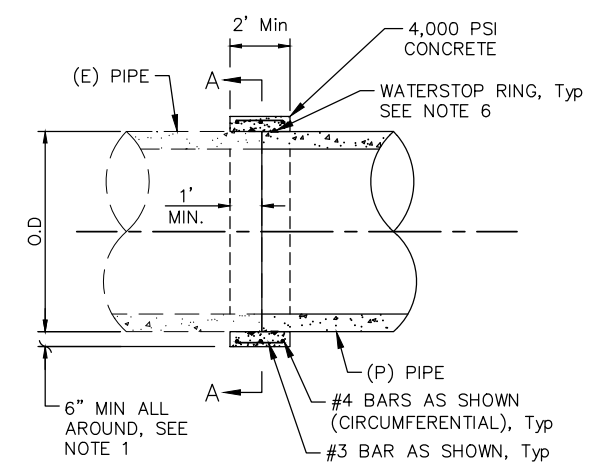
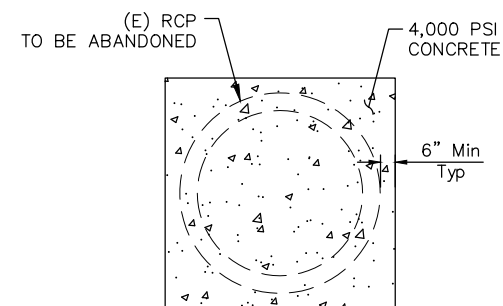
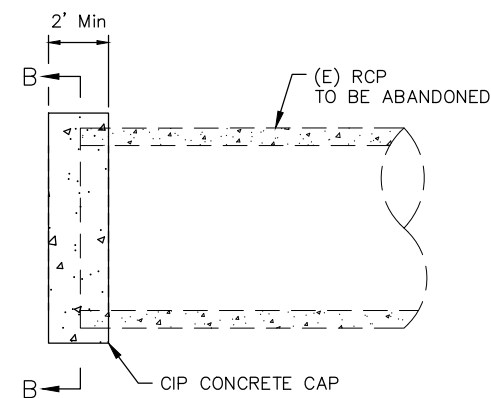


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
CONSTRUCTION DETAILS

SHEET  
29  
OF  
99



NOTE: CONTRACTOR TO REPLACE HMA IN ALL DIGOUT LOCATIONS

[illegible]

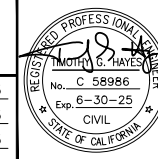
BENCH MARK ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING  
IS NORTH AMERICAN VERTICAL DATUM OF  
1988 (NAVD88) BASED ON THE CITY OF  
ROSEVILLE BENCHMARK 58.

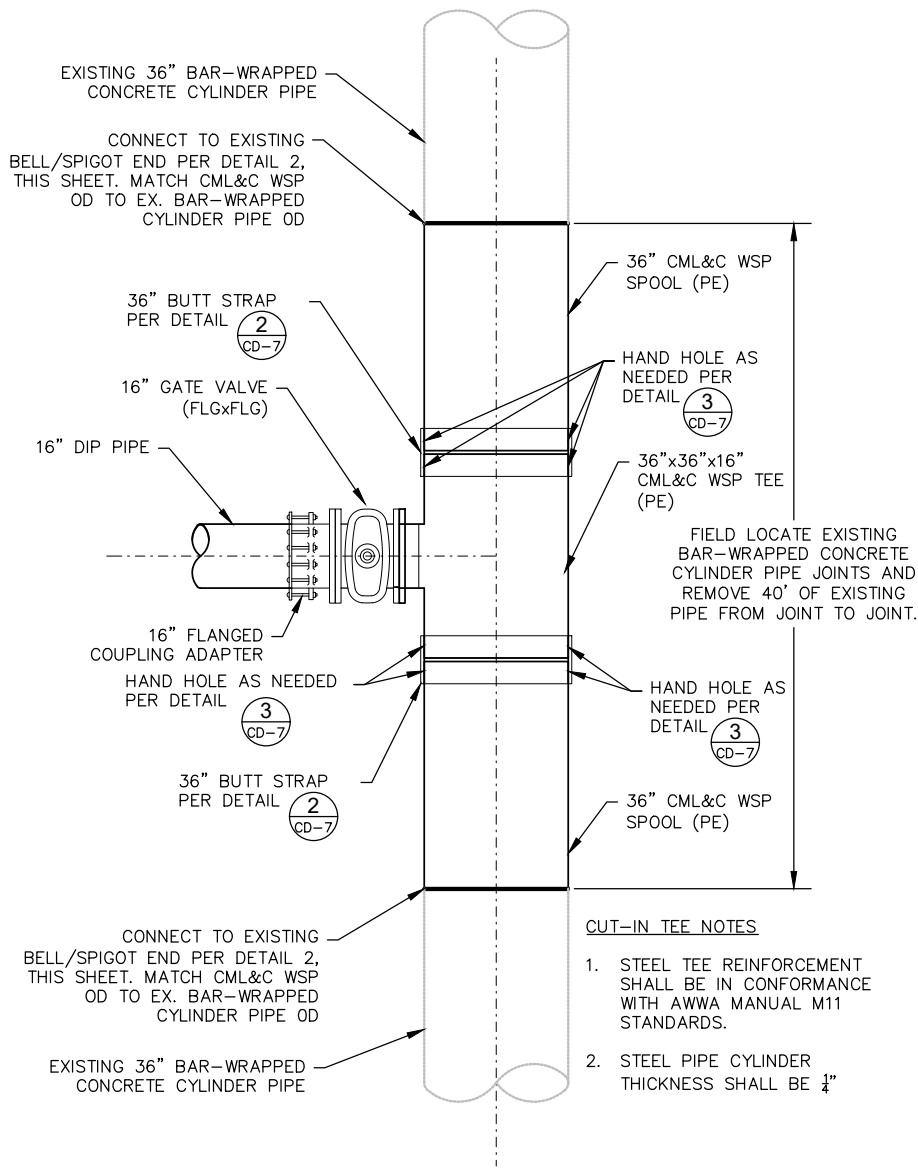
|        |       |
|--------|-------|
| SCALE  |       |
| HORIZ. | 1"=5' |
| VERT.  | N/A   |



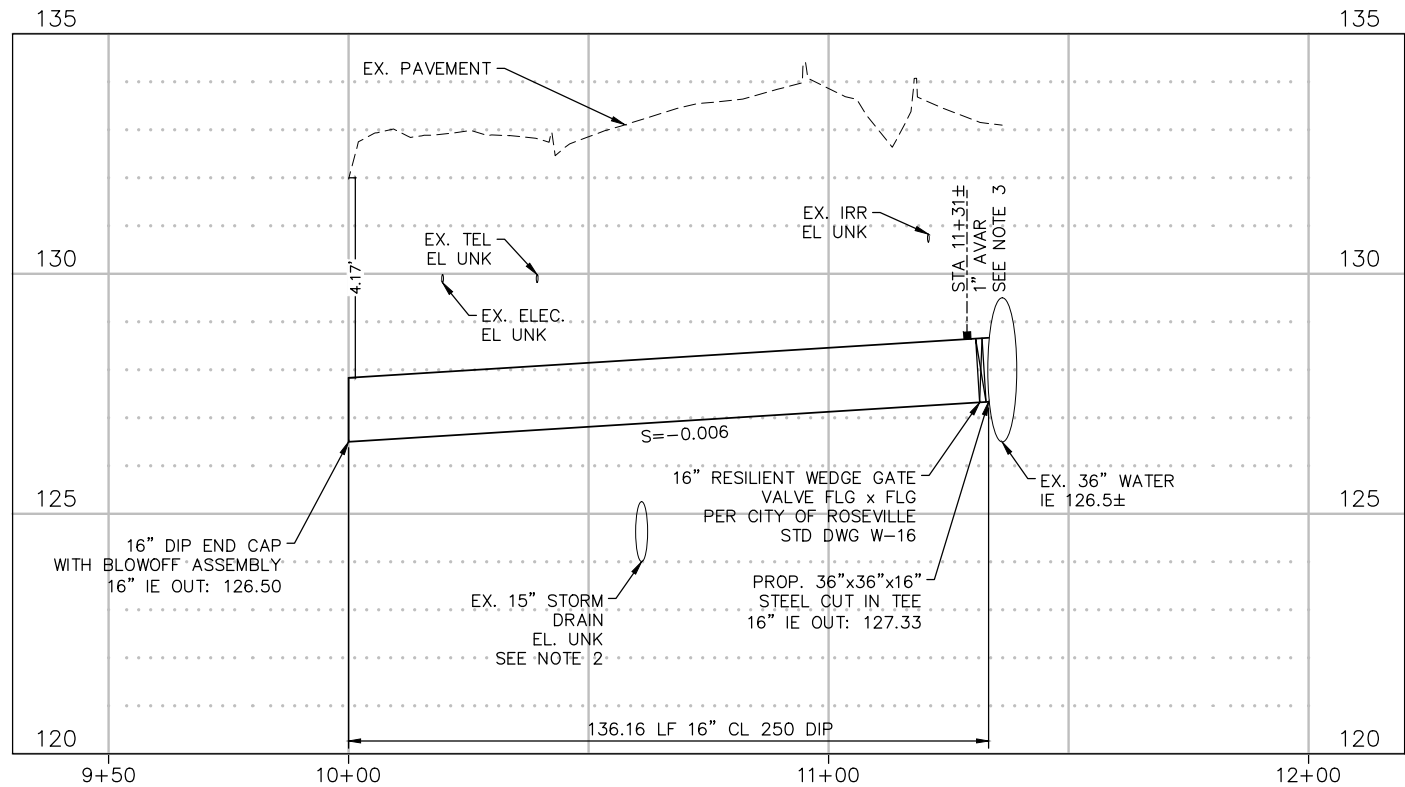
|                                                                      |                     |
|----------------------------------------------------------------------|---------------------|
| <b>P S O M A S</b>                                                   |                     |
| 1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122 |                     |
| DESIGNED BY: <u>CHRIS BRAZIL</u>                                     | DATE <u>06/2023</u> |
| CHECKED BY: <u>TIM HAYES</u>                                         | DATE <u>06/2023</u> |
| DRAWN BY: <u>DEBI HUYNH</u>                                          | DATE <u>06/2023</u> |



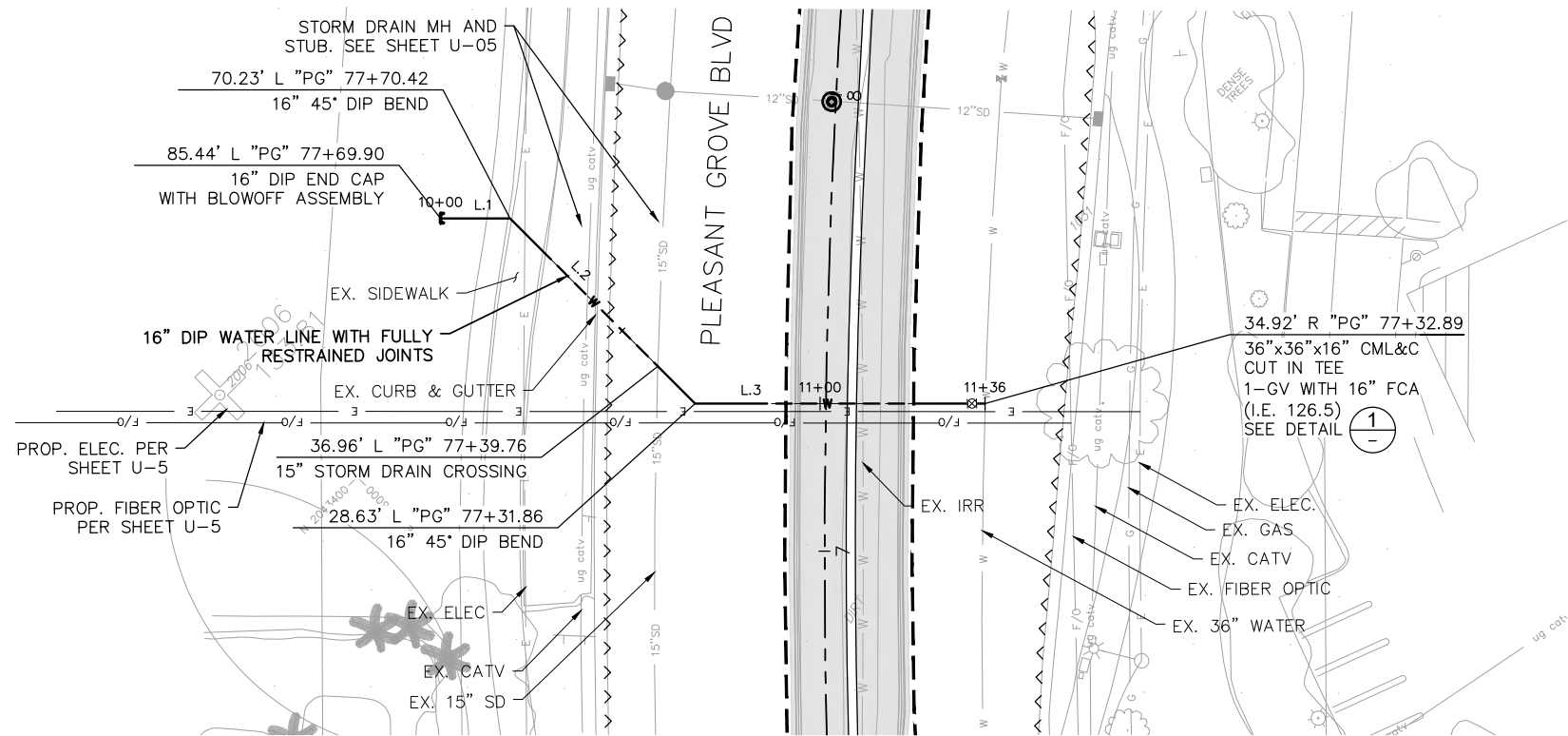
# PLEASANT GROVE BOULEVARD WIDENING PROJECT CONSTRUCTION DETAILS



CUT-IN TEE CONNECTION  
NOT TO SCALE



PROFILE



PLAN

NOTES:

1. CONTRACTOR SHALL VERIFY ELEVATIONS OF ALL EXISTING UTILITIES.
2. ONE FOOT VERTICAL CLEARANCE SHALL BE MAINTAINED BETWEEN EXISTING STORM DRAIN AND NEW WATER LINE.
3. AIR RELEASE VALVE PER CITY CONSTRUCTION STANDARD DETAIL W-12. THE AIR RELEASE VALVE MANUFACTURER SHALL BE AS APPROVED IN THE CITY OF ROSEVILLE CONSTRUCTION STANDARDS, SECTION 81-16.

| WATER DATA TABLE |        |                 |                |
|------------------|--------|-----------------|----------------|
| No.              | LENGTH | BEARING         | MATERIAL       |
| L.1              | 15.22' | S 45° 23' 30" E | 16" CL 250 DIP |
| L.2              | 57.38' | S 00° 23' 30" E | 16" CL 250 DIP |
| L.3              | 63.56' | S 45° 23' 30" E | 16" CL 250 DIP |

100% SUBMITTAL

CD-7

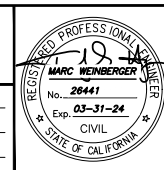
| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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|           |             |      |    |

BENCH MARK ELEV. 121.55'  
THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

| SCALE  |        |
|--------|--------|
| HORIZ. | 1"=20' |
| VERT.  | 1"=2'  |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122  
DESIGNED BY: MARC WEINBERGER DATE 06/2023  
CHECKED BY: TIM HAYES DATE 06/2023  
DRAWN BY: ANDREW BALANE DATE 06/2023



**PLEASANT GROVE BOULEVARD  
WIDENING PROJECT**  
CONSTRUCTION DETAILS - WATER ALIGNMENT

SHEET  
31  
OF  
99





NOTES:

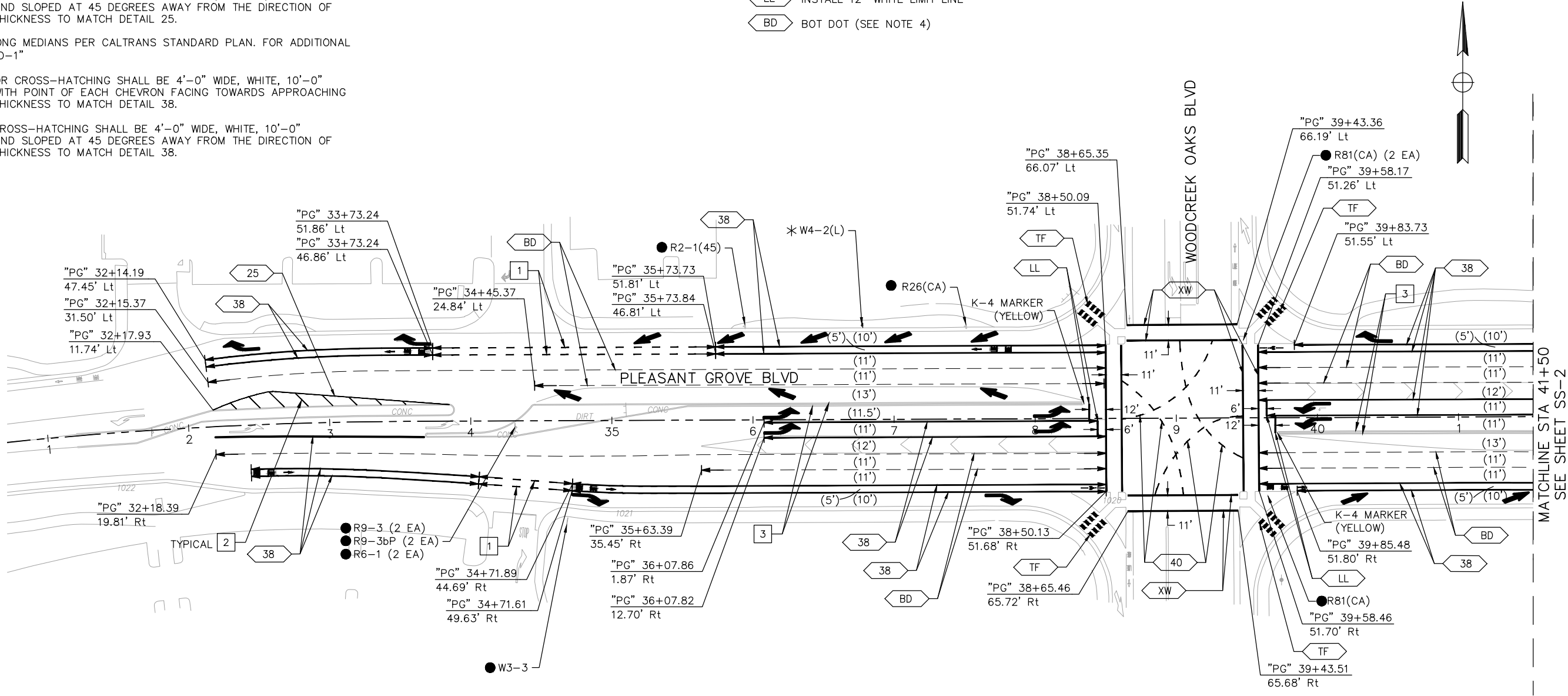
1. ALL TRAFFIC STRIPING AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF ROSEVILLE STANDARD UNLESS OTHERWISE SPECIFIED. SEE CONSTRUCTION DETAILS SHEETS FOR ADDITIONAL DETAILS.
2. ALL EXISTING STRIPING AND PAVEMENT MARKINGS WITHIN LIMITS OF HMA OVERLAY SHALL BE REMOVED PRIOR TO HMA OVERLAY. SEE STRIPING PLAN SHEET FOR LIMITS OF PROPOSED STRIPING AND PAVEMENT MARKINGS.
3. SIGNS SHALL BE PLACED ON EXISTING SIGN POLES. IF SIGN CANNOT MEET 7' VERTICAL CLEARANCE, NEW POST PER CITY STANDARDS SHALL BE FURNISHED BY CONTRACTOR.
4. SEE CONSTRUCTION DETAILS SHEET CD-06 FOR BOT DOT DETAILS. BOT DOTS SHALL BE INSTALLED PER CITY OF ROSEVILLE STANDARD.

1. INSTALL CITY OF ROSEVILLE DETAIL 39A.
2. DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, YELLOW, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 25.
3. INSTALL DETAIL 26 ALONG MEDIANS PER CALTRANS STANDARD PLAN. FOR ADDITIONAL DETAILS SEE SHEET "CD-1"
4. CHEVRON MARKINGS FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, WITH POINT OF EACH CHEVRON FACING TOWARDS APPROACHING TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.
5. DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.

LEGEND:

- BEGIN/END STRIPING DETAIL
- CHANGE IN STRIPING DETAIL
- BIKE LANE PAVEMENT MARKING PER CA MUTCD FIGURE 9C-3(C)
- TYPE III (B) ARROW
- TYPE IV (R) ARROW
- TYPE VI ARROW
- BICYCLE LOOP DETECTOR SYMBOL
- CHEVRON PAVEMENT MARKING (8" THICK WHITE STRIPE)

- \* INSTALL ROADSIDE SIGN
- ◆ REMOVE ROADSIDE SIGN
- ▲ RELOCATE EXISTING SIGN
- EXISTING ROADSIDE SIGN TO REMAIN
- EXISTING ROADSIDE SIGN
- PROPOSED ROADSIDE SIGN ON EXISTING LIGHT POLE/STREET POST
- PROPOSED ROADSIDE SIGN ON PROPOSED POLE
- PROPOSED TRAFFIC STRIPE DETAIL NUMBER
- INSTALL 12" WHITE CROSSWALK
- INSTALL TRIPLE FOUR CROSSWALK, SEE SHEET "CD-1" DETAIL 5
- INSTALL 12" WHITE LIMIT LINE
- BOT DOT (SEE NOTE 4)



100% SUBMITTAL

SS-1

Xrefs: PGB\_X\_UTLIPGB\_X\_TPOIPGB-ALIGN\_PGB-Border\_22x34IPGB-SS01IPGB-RP01IPGB-X\_TPO-Supplement  
Images: cropped cut block logo.tifIPGB-01.jpgIPGB-02.jpgIPGB-03.jpgIPGB-04.jpgIPGB-05.jpg

| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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|           |             |      |    |
|           |             |      |    |

BENCH MARK ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

|               |
|---------------|
| SCALE         |
| HORIZ. 1"=40' |
| VERT. NONE    |



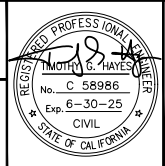
**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE: 06/2023

CHECKED BY: JIM HAYES DATE: 06/2023

DRAWN BY: DEBI HUYNH DATE: 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
SIGNING AND STRIPING PLANS

|       |
|-------|
| SHEET |
| 33    |
| OF    |
| 99    |

LEGEND:

- BEGIN/END STRIPING DETAIL
- CHANGE IN STRIPING DETAIL
- BIKE LANE PAVEMENT MARKING  
PER CA MUTCD FIGURE 9C-3(C)
- TYPE III (B) ARROW
- TYPE IV (R) ARROW
- TYPE VI ARROW
- BICYCLE LOOP DETECTOR SYMBOL
- CHEVRON PAVEMENT MARKING  
(8" THICK WHITE STRIPE)
- INSTALL ROADSIDE SIGN
- REMOVE ROADSIDE SIGN
- RELOCATE EXISTING SIGN
- EXISTING ROADSIDE SIGN TO REMAIN
- EXISTING ROADSIDE SIGN
- PROPOSED ROADSIDE SIGN ON EXISTING LIGHT POLE/STREET POST
- PROPOSED ROADSIDE SIGN ON PROPOSED POLE
- PROPOSED TRAFFIC STRIPE DETAIL NUMBER
- INSTALL 12" WHITE CROSSWALK
- INSTALL TRIPLE FOUR CROSSWALK, SEE SHEET "CD-1" DETAIL 5
- INSTALL 12" WHITE LIMIT LINE
- BOT DOT

1

INSTALL CITY OF ROSEVILLE DETAIL 39A.

2

DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, YELLOW, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 25.

3

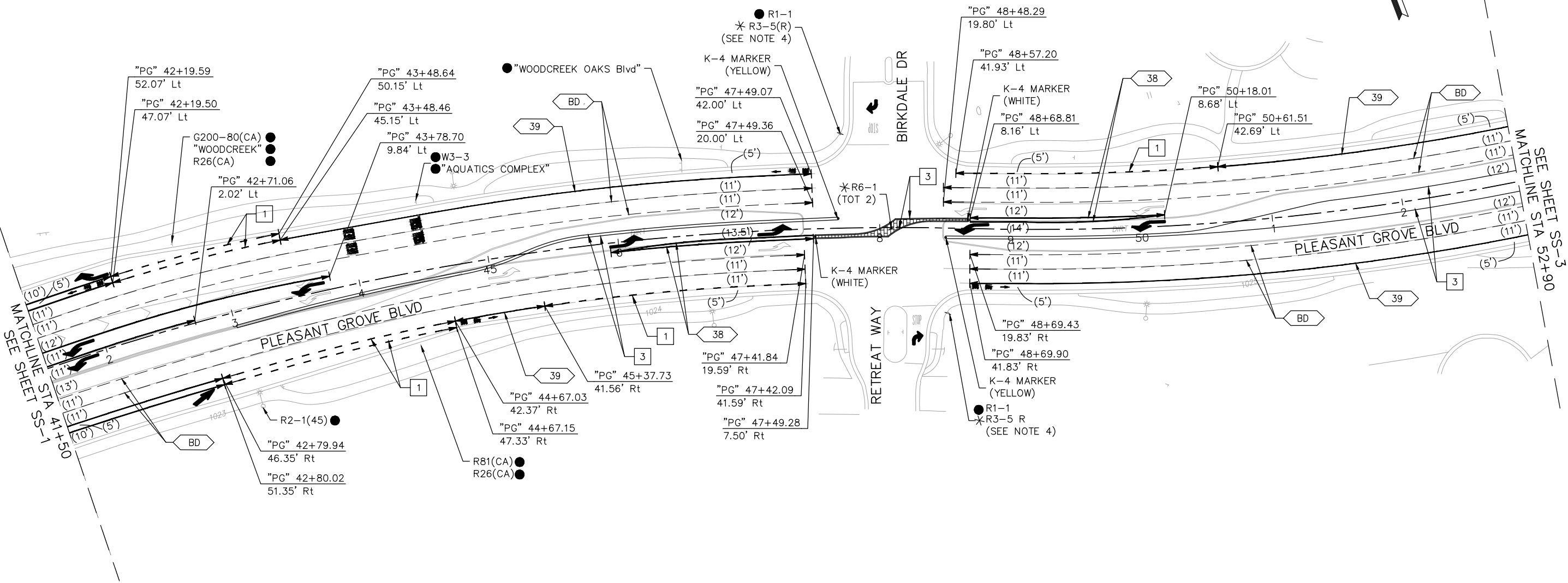
INSTALL DETAIL 26 ALONG MEDIANS PER CALTRANS STANDARD PLAN. FOR ADDITIONAL DETAILS SEE SHEET "CD-1"

4

CHEVRON MARKINGS FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, WITH POINT OF EACH CHEVRON FACING TOWARDS APPROACHING TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.

5

DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.



100% SUBMITTAL

SS-2

| REVISIONS |             |      |    | BENCH MARK                                                                                                                        | ELEV. <u>121.55'</u> | <div><div></div><div>SCALE</div><div>HORIZ. <u>1"=40'</u></div><div>VERT. <u>NONE</u></div></div> | <div><div>CITY OF ROSEVILLE</div><div>CALIFORNIA</div></div> | <div><div>PSOMAS</div><div>1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122</div><div>DESIGNED BY: CHRIS BRAZIL DATE <u>06/2023</u></div><div>CHECKED BY: TIM HAYES DATE <u>06/2023</u></div><div>DRAWN BY: DEBI HUYNH DATE <u>06/2023</u></div></div> | <div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>TIMOTHY G. HAYES</div><div>No. <u>C 58986</u></div><div>Exp. <u>6-30-25</u></div><div>CIVIL</div><div>STATE OF CALIFORNIA</div></div> | <div>PLEASANT GROVE BOULEVARD</div> <div>WIDENING PROJECT</div> <div>SIGNING AND STRIPING PLANS</div> |  | SHEET |
|-----------|-------------|------|----|-----------------------------------------------------------------------------------------------------------------------------------|----------------------|---------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--|-------|
| NO.       | DESCRIPTION | DATE | BY |                                                                                                                                   |                      |                                                                                                   |                                                              |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                       |  | 34    |
|           |             |      |    | — OF —                                                                                                                            |                      |                                                                                                   |                                                              |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                       |  |       |
|           |             |      |    | 99                                                                                                                                |                      |                                                                                                   |                                                              |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                       |  |       |
|           |             |      |    | THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |                      |                                                                                                   |                                                              |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                            |                                                                                                       |  |       |



LEGEND:

- BEGIN/END STRIPING DETAIL
- CHANGE IN STRIPING DETAIL
- BIKE LANE PAVEMENT MARKING  
PER CA MUTCD FIGURE 9C-3(C)
- TYPE III (B) ARROW
- TYPE IV (R) ARROW
- TYPE VI ARROW
- BICYCLE LOOP DETECTOR SYMBOL
- CHEVRON PAVEMENT MARKING  
(8" THICK WHITE STRIPE)
- INSTALL ROADSIDE SIGN
- REMOVE ROADSIDE SIGN
- RELOCATE EXISTING SIGN
- EXISTING ROADSIDE SIGN TO REMAIN
- EXISTING ROADSIDE SIGN
- PROPOSED ROADSIDE SIGN ON EXISTING LIGHT POLE/STREET POST
- PROPOSED ROADSIDE SIGN ON PROPOSED POLE
- PROPOSED TRAFFIC STRIPE DETAIL NUMBER
- INSTALL 12" WHITE CROSSWALK
- INSTALL TRIPLE FOUR CROSSWALK, SEE SHEET "CD-1" DETAIL 5
- INSTALL 12" WHITE LIMIT LINE
- BOT DOT

- 1

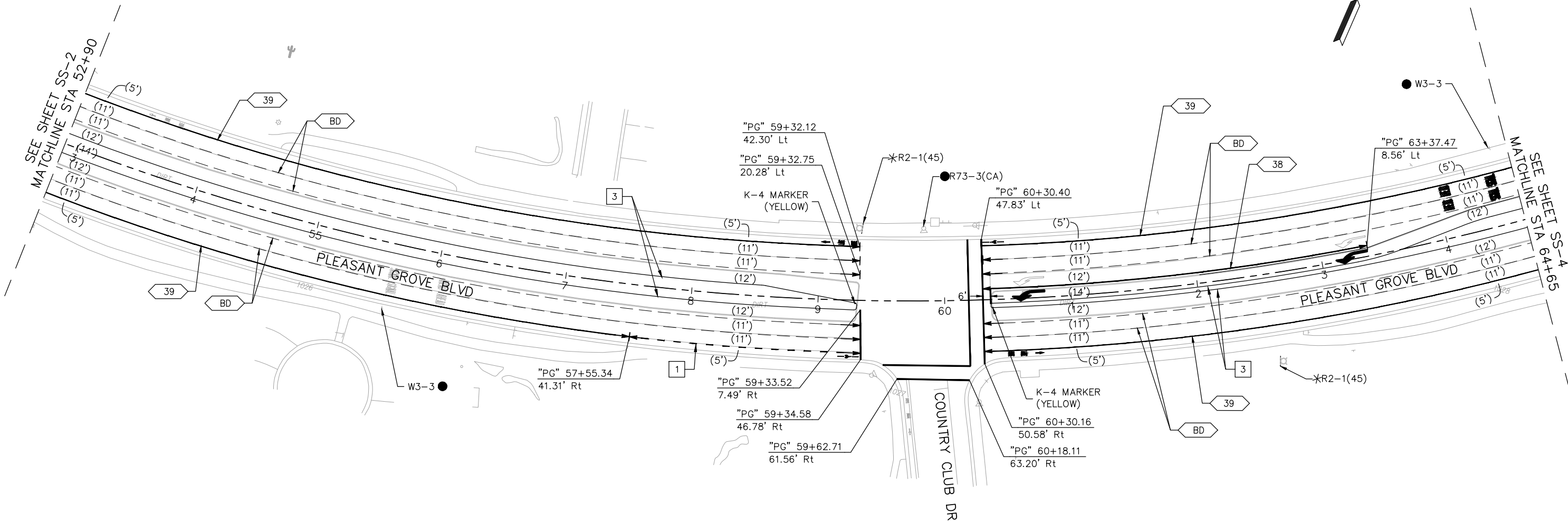
INSTALL CITY OF ROSEVILLE DETAIL 39A.
- 2

DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, YELLOW, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 25.
- 3

INSTALL DETAIL 26 ALONG MEDIANS PER CALTRANS STANDARD PLAN. FOR ADDITIONAL DETAILS SEE SHEET "CD-1"
- 4

CHEVRON MARKINGS FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, WITH POINT OF EACH CHEVRON FACING TOWARDS APPROACHING TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.
- 5

DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.



100% SUBMITTAL SS-3

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|       |             |
|-------|-------------|
| SCALE | 1"=40'      |
|       | HORIZ. NONE |
|       | VERT. NONE  |

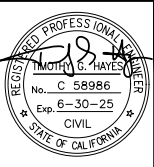


**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023

CHECKED BY: TIM HAYES      DATE 06/2023

DRAWN BY: DEBI HUYNH      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
SIGNING AND STRIPING PLANS

Xref: PGB\_X\_UTIL\PCB\_X\_Topo\PCB-AL\N\PCB\_Border\_22x34\PCB-SS01\PCB-001\PCB\_X\_Topo\_Supplement Images\_cropped\_CIR\_black\_topo.tif\PCB\_01.jpg\PCB\_02.jpg\PCB\_03.jpg\PCB\_04.jpg\PCB\_05.jpg  
Plotted: 06/29/2023 16:10:58 | Drawing: P:\6R0S013306\TRANSP\DESIGN\ROAD\SHEETS\09\_PGB\_SS01-SS08.dwg | Layout: SS-03 | By: chris.brazil

LEGEND:

- BEGIN/END STRIPING DETAIL
- CHANGE IN STRIPING DETAIL
- BIKE LANE PAVEMENT MARKING  
PER CA MUTCD FIGURE 9C-3(C)
- TYPE III (B) ARROW
- TYPE IV (R) ARROW
- TYPE VI ARROW
- BICYCLE LOOP DETECTOR SYMBOL
- CHEVRON PAVEMENT MARKING  
(8" THICK WHITE STRIPE)
- INSTALL ROADSIDE SIGN
- REMOVE ROADSIDE SIGN
- RELOCATE EXISTING SIGN
- EXISTING ROADSIDE SIGN TO REMAIN
- EXISTING ROADSIDE SIGN
- PROPOSED ROADSIDE SIGN ON EXISTING LIGHT POLE/STREET POST
- PROPOSED ROADSIDE SIGN ON PROPOSED POLE
- PROPOSED TRAFFIC STRIPE DETAIL NUMBER
- INSTALL 12" WHITE CROSSWALK
- INSTALL TRIPLE FOUR CROSSWALK, SEE SHEET "CD-1" DETAIL 5
- INSTALL 12" WHITE LIMIT LINE
- BOT DOT

- 1

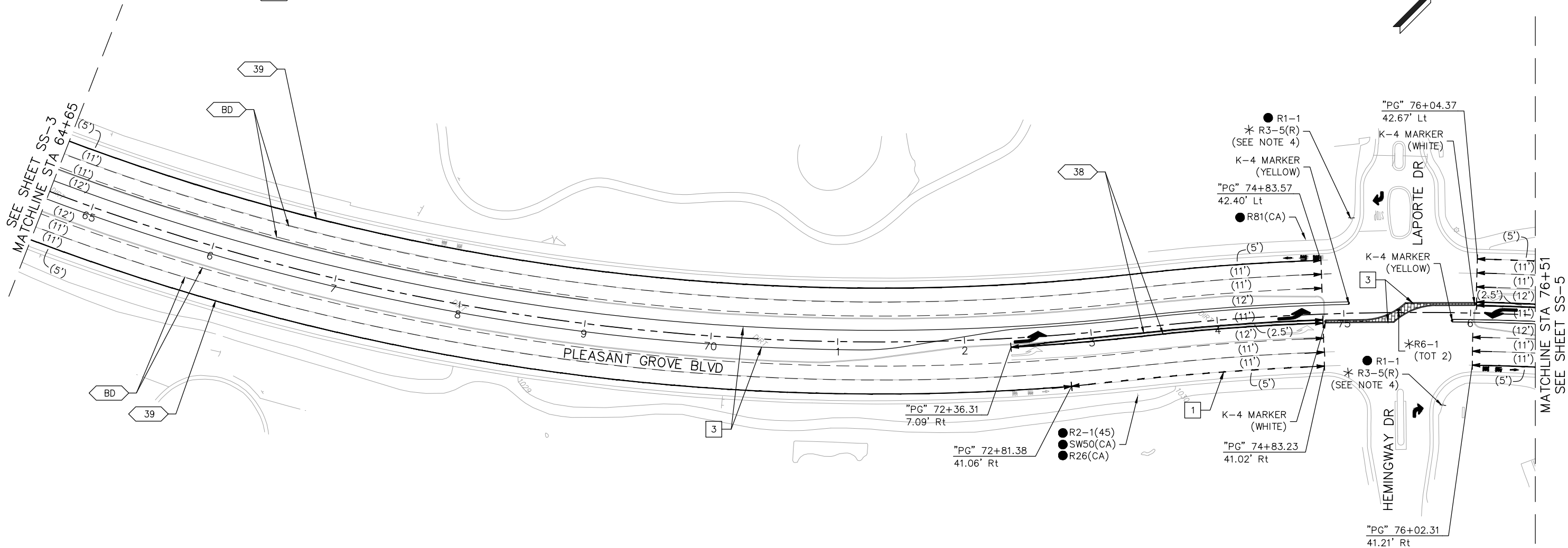
INSTALL CITY OF ROSEVILLE DETAIL 39A.
- 2

DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, YELLOW, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 25.
- 3

INSTALL DETAIL 26 ALONG MEDIANS PER CALTRANS STANDARD PLAN. FOR ADDITIONAL DETAILS SEE SHEET "CD-1"
- 4

CHEVRON MARKINGS FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, WITH POINT OF EACH CHEVRON FACING TOWARDS APPROACHING TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.
- 5

DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.



100% SUBMITTAL

SS-4

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
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|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|               |  |
|---------------|--|
| SCALE         |  |
| HORIZ. 1"=40' |  |
| VERT. NONE    |  |



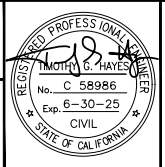
**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023



PLEASANT GROVE BOULEVARD

WIDENING PROJECT

SIGNING AND STRIPING PLANS

|       |    |
|-------|----|
| SHEET | 36 |
| OF    | —  |
|       | 99 |

Xref: PGB\_X\_UTILPGB\_X\_T0P0PGB-ALON\_PGB\_Border\_22x34PGB-SS01PGB-R001PGB\_X\_T0P0\_Supplement  
Images: cropped\_C0R\_black\_topo.tif PGB\_01.jpg PGB\_02.jpg PGB\_03.jpg PGB\_04.jpg PGB\_05.jpg

LEGEND:

- BEGIN/END STRIPING DETAIL
- CHANGE IN STRIPING DETAIL
- BIKE LANE PAVEMENT MARKING  
PER CA MUTCD FIGURE 9C-3(C)
- TYPE III (B) ARROW
- TYPE IV (R) ARROW
- TYPE VI ARROW
- BICYCLE LOOP DETECTOR SYMBOL
- CHEVRON PAVEMENT MARKING  
(8" THICK WHITE STRIPE)
- INSTALL ROADSIDE SIGN
- REMOVE ROADSIDE SIGN
- RELOCATE EXISTING SIGN
- EXISTING ROADSIDE SIGN TO REMAIN
- EXISTING ROADSIDE SIGN
- PROPOSED ROADSIDE SIGN ON EXISTING LIGHT POLE/STREET POST
- PROPOSED ROADSIDE SIGN ON PROPOSED POLE
- PROPOSED TRAFFIC STRIPE DETAIL NUMBER
- INSTALL 12" WHITE CROSSWALK
- INSTALL TRIPLE FOUR CROSSWALK, SEE SHEET "CD-1" DETAIL 5
- INSTALL 12" WHITE LIMIT LINE
- BOT DOT

- 1

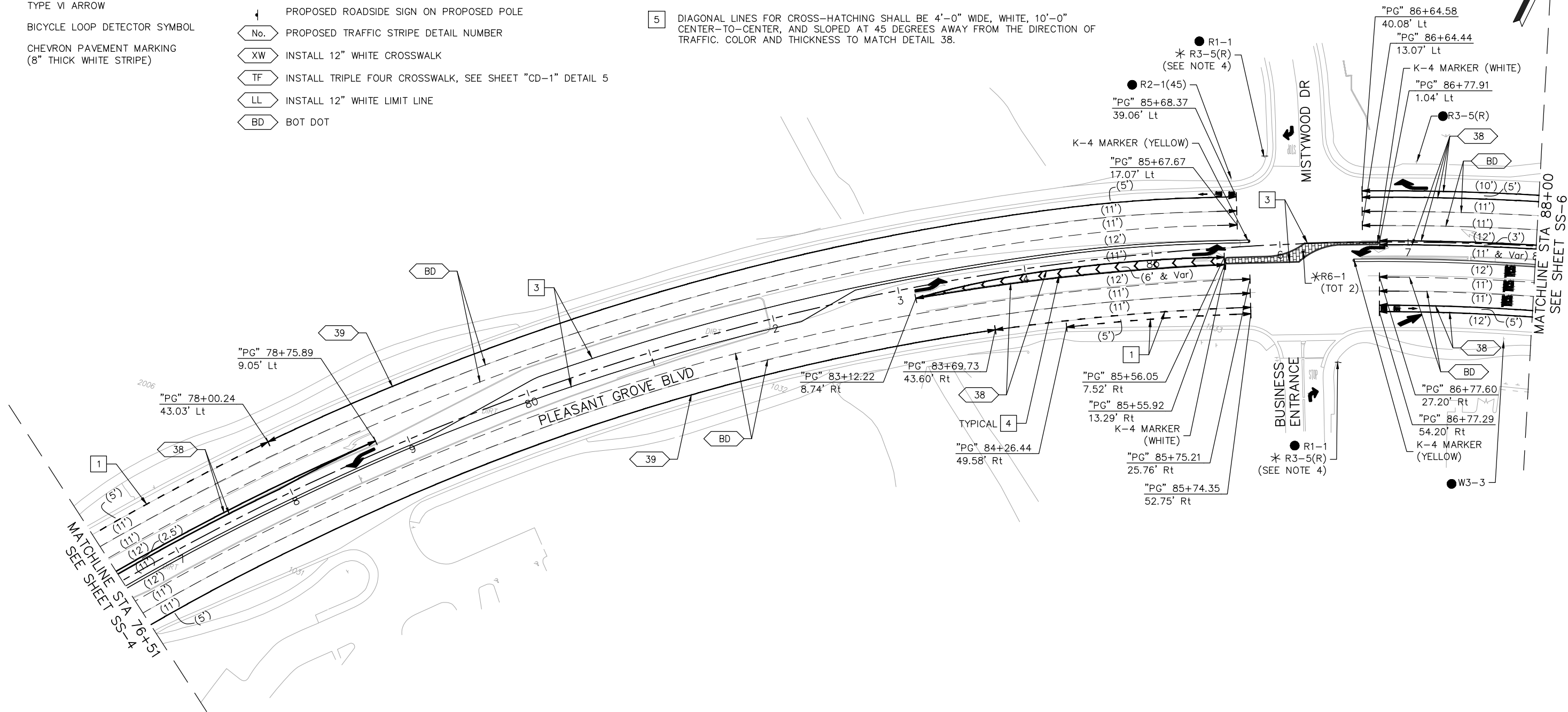
INSTALL CITY OF ROSEVILLE DETAIL 39A.
- 2

DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, YELLOW, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 25.
- 3

INSTALL DETAIL 26 ALONG MEDIANS PER CALTRANS STANDARD PLAN. FOR ADDITIONAL DETAILS SEE SHEET "CD-1"
- 4

CHEVRON MARKINGS FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, WITH POINT OF EACH CHEVRON FACING TOWARDS APPROACHING TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.
- 5

DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.



100% SUBMITTAL

SS-5

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | NONE   |



|                                                                      |              |      |         |
|----------------------------------------------------------------------|--------------|------|---------|
| <b>PSOMAS</b>                                                        |              |      |         |
| 1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122 |              |      |         |
| DESIGNED BY:                                                         | CHRIS BRAZIL | DATE | 06/2023 |
| CHECKED BY:                                                          | TIM HAYES    | DATE | 06/2023 |
| DRAWN BY:                                                            | DEBI HUYNH   | DATE | 06/2023 |



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
SIGNING AND STRIPING PLANS

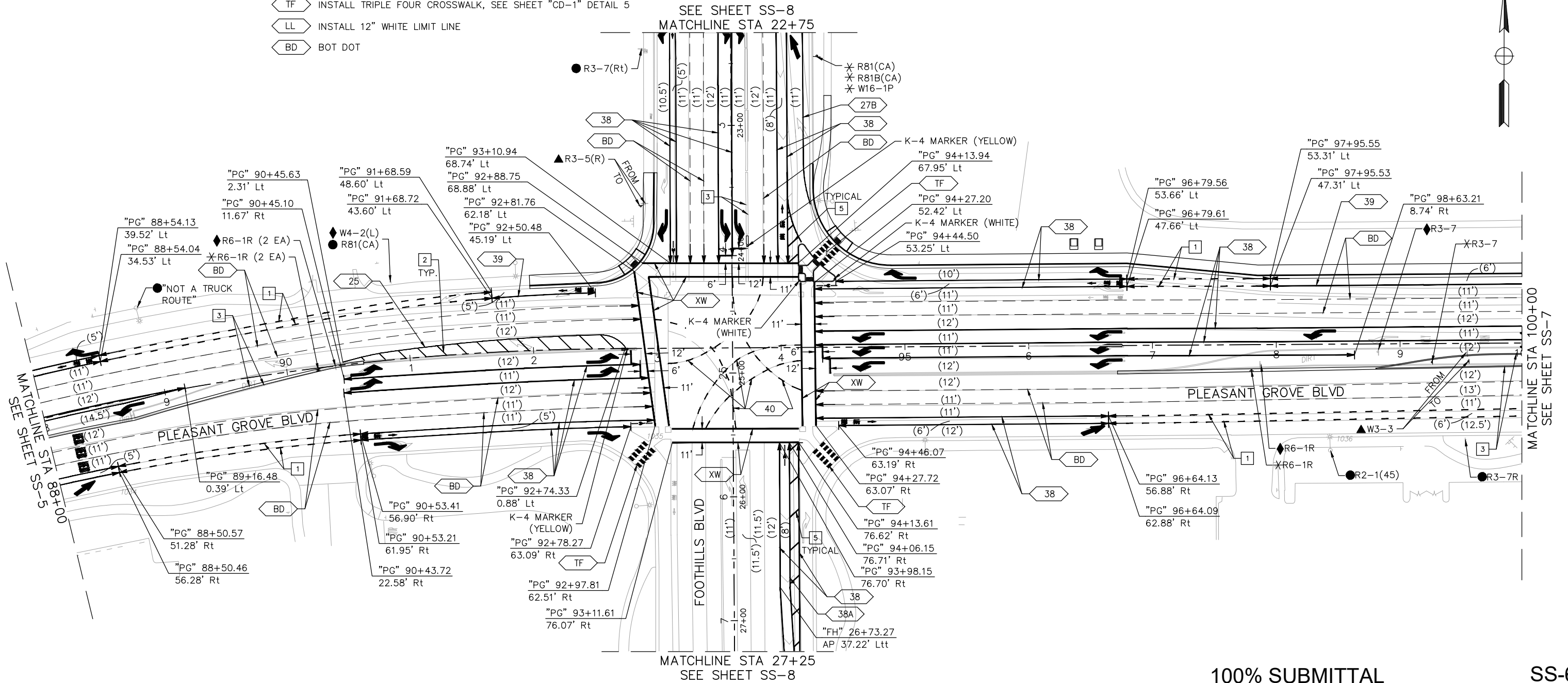
|       |    |
|-------|----|
| SHEET | 37 |
| OF    | —  |
|       | 99 |

Xref: PGB\_X\_UTIL\PCB\_X\_Topo\PCB-A\Util\_PGB\_Border\_22x34\PCB-SS01\PCB-8001\PCB\_X\_Topo\_Supplement Images\_cropped\_Cor\_black\_topo.tif\PCB\_01.jpg\PCB\_02.jpg\PCB\_03.jpg\PCB\_04.jpg\PCB\_05.jpg

|                                                                                   |                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------|
|  | BEGIN/END STRIPING DETAIL                                 |
|  | CHANGE IN STRIPING DETAIL                                 |
|  | BIKE LANE PAVEMENT MARKING<br>PER CA MUTCD FIGURE 9C-3(C) |
|  | TYPE III (B) ARROW                                        |
|  | TYPE IV (R) ARROW                                         |
|  | TYPE VI ARROW                                             |
|  | BICYCLE LOOP DETECTOR SYMBOL                              |
|  | CHEVRON PAVEMENT MARKING<br>(8" THICK WHITE STRIPE)       |

- |                                                                                   |                                                           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------|
|  | INSTALL ROADSIDE SIGN                                     |
|  | REMOVE ROADSIDE SIGN                                      |
|  | RELOCATE EXISTING SIGN                                    |
|  | EXISTING ROADSIDE SIGN TO REMAIN                          |
|  | EXISTING ROADSIDE SIGN                                    |
|  | PROPOSED ROADSIDE SIGN ON EXISTING LIGHT POLE/STREET POST |
|  | PROPOSED ROADSIDE SIGN ON PROPOSED POLE                   |
|  | PROPOSED TRAFFIC STRIPE DETAIL NUMBER                     |
|  | INSTALL 12" WHITE CROSSWALK                               |
|  | INSTALL TRIPLE FOUR CROSSWALK, SEE SHEET "CD-1" DETAIL 5  |
|  | INSTALL 12" WHITE LIMIT LINE                              |
|  | BOT DOT                                                   |

1. INSTALL CITY OF ROSEVILLE DETAIL 39A.
2. DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, YELLOW, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 25.
3. INSTALL DETAIL 26 ALONG MEDIANS PER CALTRANS STANDARD PLAN. FOR ADDITIONAL DETAILS SEE SHEET "CD-1"
4. CHEVRON MARKINGS FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, WITH POINT OF EACH CHEVRON FACING TOWARDS APPROACHING TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.
5. DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.



SS-6

[illegible]

BENCH MARK ELEV. 121.55'

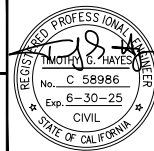
THE VERTICAL DATUM OF THIS MAPPING  
IS NORTH AMERICAN VERTICAL DATUM OF  
1988 (NAVD88) BASED ON THE CITY OF  
ROSEVILLE BENCHMARK 58.

|        |        |
|--------|--------|
|        | SCALE  |
| HORIZ. | 1"=40' |
| VERT.  | NONE   |



**PSOMAS**  
410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023  
CHECKED BY: TIM HAYES DATE 06/2023  
DRAWN BY: DEBI HUYNH DATE 06/2023



# PLEASANT GROVE BOULEVARD WIDENING PROJECT SIGNING AND STRIPING PLANS

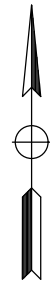
SHEET  
38  
OF —  
99

LEGEND:

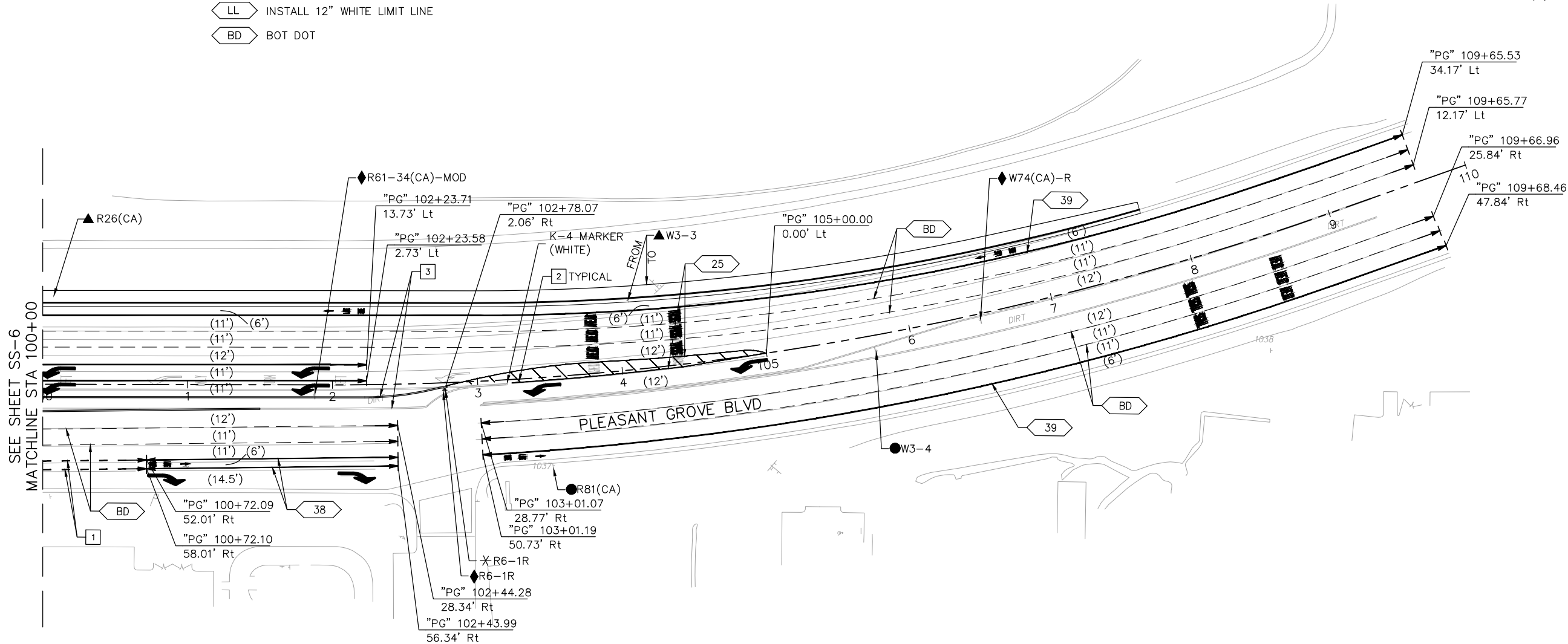
- BEGIN/END STRIPING DETAIL
- CHANGE IN STRIPING DETAIL
- BIKE LANE PAVEMENT MARKING  
PER CA MUTCD FIGURE 9C-3(C)
- TYPE III (B) ARROW
- TYPE IV (R) ARROW
- TYPE VI ARROW
- BICYCLE LOOP DETECTOR SYMBOL
- CHEVRON PAVEMENT MARKING  
(8" THICK WHITE STRIPE)
- INSTALL ROADSIDE SIGN
- REMOVE ROADSIDE SIGN
- RELOCATE EXISTING SIGN
- EXISTING ROADSIDE SIGN TO REMAIN
- EXISTING ROADSIDE SIGN
- PROPOSED ROADSIDE SIGN ON EXISTING LIGHT POLE/STREET POST
- PROPOSED ROADSIDE SIGN ON PROPOSED POLE
- PROPOSED TRAFFIC STRIPE DETAIL NUMBER
- INSTALL 12" WHITE CROSSWALK
- INSTALL TRIPLE FOUR CROSSWALK, SEE SHEET "CD-1" DETAIL 5
- INSTALL 12" WHITE LIMIT LINE
- BOT DOT

- 1 INSTALL CITY OF ROSEVILLE DETAIL 39A.
- 2 DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, YELLOW, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 25.
- 3 INSTALL DETAIL 26 ALONG MEDIANS PER CALTRANS STANDARD PLAN. FOR ADDITIONAL DETAILS SEE SHEET "CD-1"
- 4 CHEVRON MARKINGS FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, WITH POINT OF EACH CHEVRON FACING TOWARDS APPROACHING TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.
- 5 DIAGONAL LINES FOR CROSS-HATCHING SHALL BE 4'-0" WIDE, WHITE, 10'-0" CENTER-TO-CENTER, AND SLOPED AT 45 DEGREES AWAY FROM THE DIRECTION OF TRAFFIC. COLOR AND THICKNESS TO MATCH DETAIL 38.

77009



77010



100% SUBMITTAL

SS-7

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

BENCH MARK ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

SCALE

HORIZ. 1"=40'

VERT. NONE



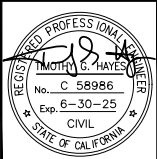
**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
SIGNING AND STRIPING PLANS

SHEET  
39  
— OF —  
99

Xref: PGB\_X\_UTIL.PCB, X\_Topo.PCB, ALON.PCB, Border, 22x34.PCB, SS01.PCB, R001.PCB, X\_Topo\_Supplement  
Images: cropped, CR, black, logo.tif, PGB\_01.jpg, PGB\_02.jpg, PGB\_03.jpg, PGB\_04.jpg, PGB\_05.jpg

CHANGE IN STRIPING DETAIL



✓

◆ REMOVE ROADSIDE SIGN

▲

•

41

1

11

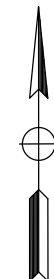
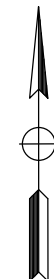
No.



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BD



SS-8

# PLEASANT GROVE BOULEVARD WIDENING PROJECT SIGNING AND STRIPING PLANS

SHEET  
40  
OF —  
99

[illegible]

BENCH MARK ELEV. 121.55'

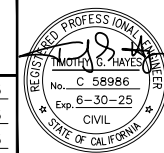
THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

|        |               |
|--------|---------------|
| SCALE  |               |
| HORIZ. | <u>1"=40'</u> |
| VERT.  | <u>NONE</u>   |



**P S O M A S**  
410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023  
CHECKED BY: TIM HAYES DATE 06/2023  
DRAWN BY: DEBI HUYNH DATE 06/2023





STAGE 1 - LEGEND:

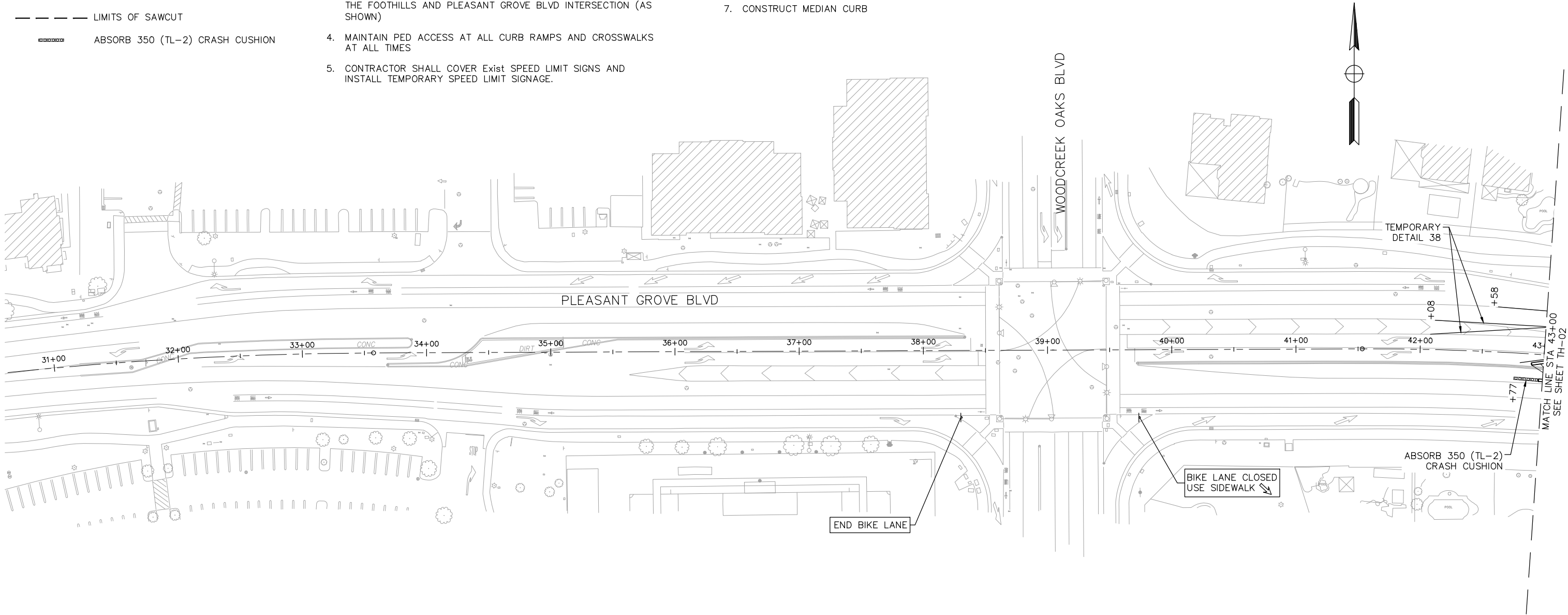
- X-X
- TEMPORARY CONSTRUCTION SIGN
- 
- WORK AREA THIS STAGE
- 
- CLOSURE AREA THIS STAGE
- 
- NIGHT CLOSURE WORK AREA THIS STAGE
- 
- TEMPORARY RAILING (TYPE K)
- 
- LIMITS OF SAWCUT
- 
- ABSORB 350 (TL-2) CRASH CUSHION

STAGE 1 - TRAFFIC HANDLING:

1. MAINTAIN A MINIMUM OF TWO THRU LANES OF TRAFFIC IN BOTH THE EASTBOUND AND WESTBOUND DIRECTIONS FROM STA 42+00 TO STA 108+00
2. BIKE LANES CLOSED FROM THE INTERSECTION OF WOODCREEK OAKS AND PLEASANT GROVE BLVD TO THE INTERSECTION OF WASHINGTON AND PLEASANT GROVE BLVD
3. MAINTAIN LEFT TURNS ONTO BIRKDALE DR, RETREAT WAY, LAPORTE DR, HEMINGWAY DR, MISTYWOOD DR, AND THE ENTRANCE TO THE SOUTHWESTERN BUSINESS CENTER OF THE FOOTHILLS AND PLEASANT GROVE BLVD INTERSECTION. ALSO MAINTAIN THE LEFT TURN INTO THE BUSINESS CENTER EAST OF THE FOOTHILLS AND PLEASANT GROVE BLVD INTERSECTION (AS SHOWN)
4. MAINTAIN PED ACCESS AT ALL CURB RAMPS AND CROSSWALKS AT ALL TIMES
5. CONTRACTOR SHALL COVER EXIST SPEED LIMIT SIGNS AND INSTALL TEMPORARY SPEED LIMIT SIGNAGE.

STAGE 1 - CONSTRUCTION:

1. REMOVE EXISTING PAVEMENT DELINEATION (STRIPING AND MARKINGS) AND INSTALL TEMPORARY STRIPING AND SIGNAGE (AS SHOWN)
2. INSTALL TEMPORARY RAILING (TYPE K) AND CRASH CUSHION ARRAYS (AS SHOWN)
3. SAWCUT EXISTING PAVEMENT (AS SHOWN)
4. INSTALL DRAINAGE IMPROVEMENTS
5. INSTALL IRRIGATION AND LANDSCAPING
6. EXCAVATE AND PAVE INSIDE LANES
7. CONSTRUCT MEDIAN CURB



100% SUBMITTAL

TH-01

| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | N/A    |



**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023

CHECKED BY: TIM HAYES      DATE 06/2023

DRAWN BY: DEBI HUYNH      DATE 06/2023



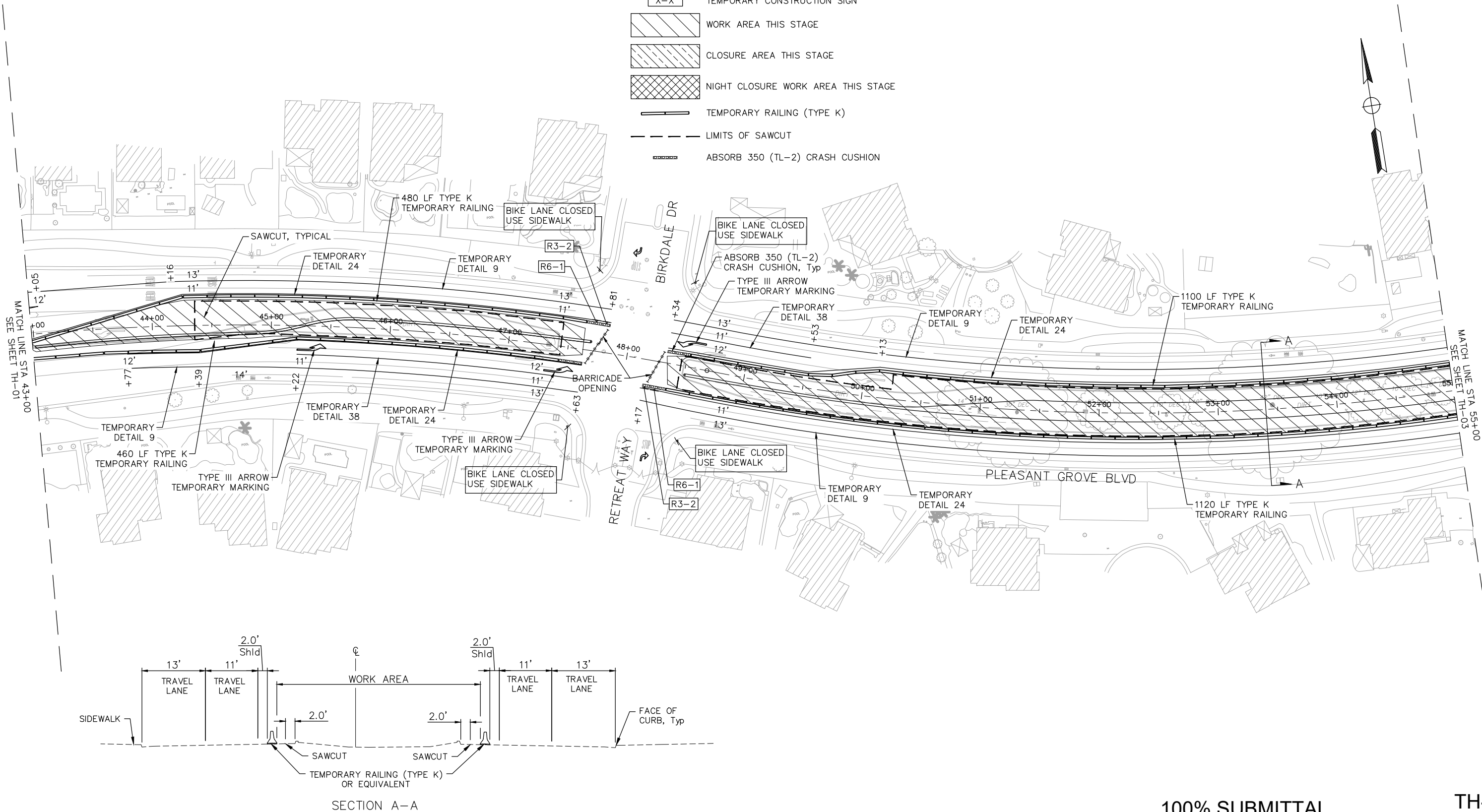
PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 1

|       |
|-------|
| SHEET |
| 41    |
| OF    |
| 99    |



STAGE 1 - LEGEND:

- X-X TEMPORARY CONSTRUCTION SIGN
- WORK AREA THIS STAGE
- CLOSURE AREA THIS STAGE
- NIGHT CLOSURE WORK AREA THIS STAGE
- TEMPORARY RAILING (TYPE K)
- LIMITS OF SAWCUT
- ABSORB 350 (TL-2) CRASH CUSHION



100% SUBMITTAL

TH-02

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
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BENCH MARK ELEV. 121.55'  
THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

| SCALE  |        |
|--------|--------|
| HORIZ. | 1"=40' |
| VERT.  | N/A    |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE 06/2023  
CHECKED BY: TIM HAYES DATE 06/2023  
DRAWN BY: DEBI HUYNH DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 1

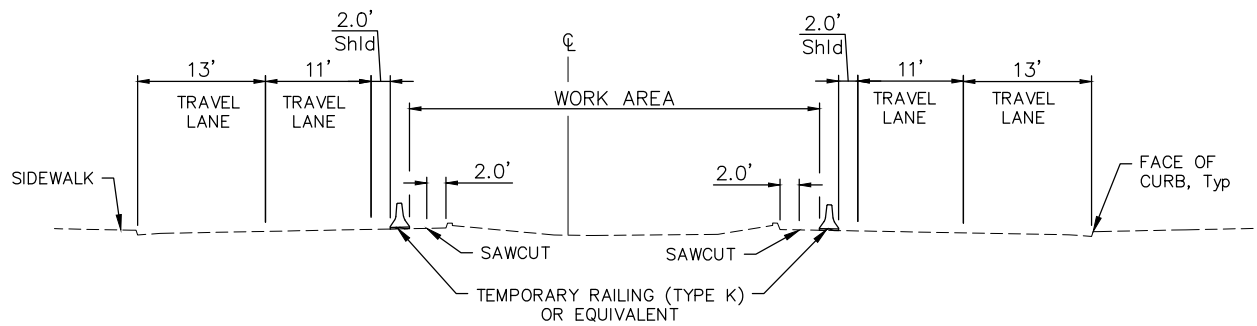
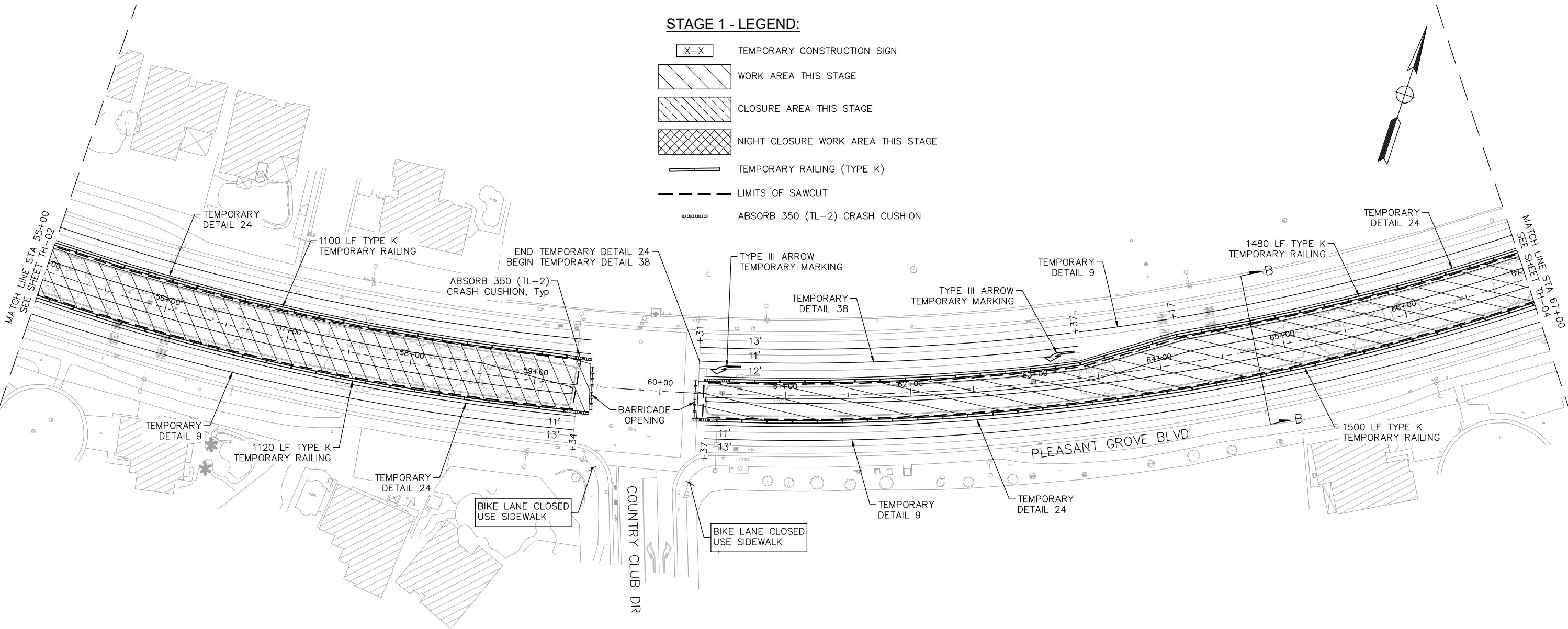
SHEET  
42  
OF  
99

Xrefs: \_PCB\_Border\_22-34\_PCB\_X\_Top\_PCB-8001\_PCB\_X\_Top\_Supplement  
Images: cropped COR\_black\_logo.tif\_PCB\_01.jpg\_PCB\_02.jpg\_PCB\_03.jpg\_PCB\_04.jpg\_PCB\_05.jpg



STAGE 1 - LEGEND:

- X-X TEMPORARY CONSTRUCTION SIGN
- WORK AREA THIS STAGE
- CLOSURE AREA THIS STAGE
- NIGHT CLOSURE WORK AREA THIS STAGE
- TEMPORARY RAILING (TYPE K)
- LIMITS OF SAWCUT
- ABSORB 350 (TL-2) CRASH CUSHION



SECTION B-B

100% SUBMITTAL TH-03

Xrefs: \_PGB\_Border\_22-34.PCB, X\_Topo.PCB, X\_Topo\_Supplement  
Images: cropped\_COR\_black\_logo.tif, PGB\_01.jpg, PGB\_02.jpg, PGB\_03.jpg, PGB\_04.jpg, PGB\_05.jpg

| REVISIONS |             |      |    |
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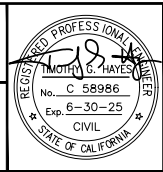
|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|               |  |
|---------------|--|
| SCALE         |  |
| HORIZ. 1"=40' |  |
| VERT. N/A     |  |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: TIM HAYES      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023

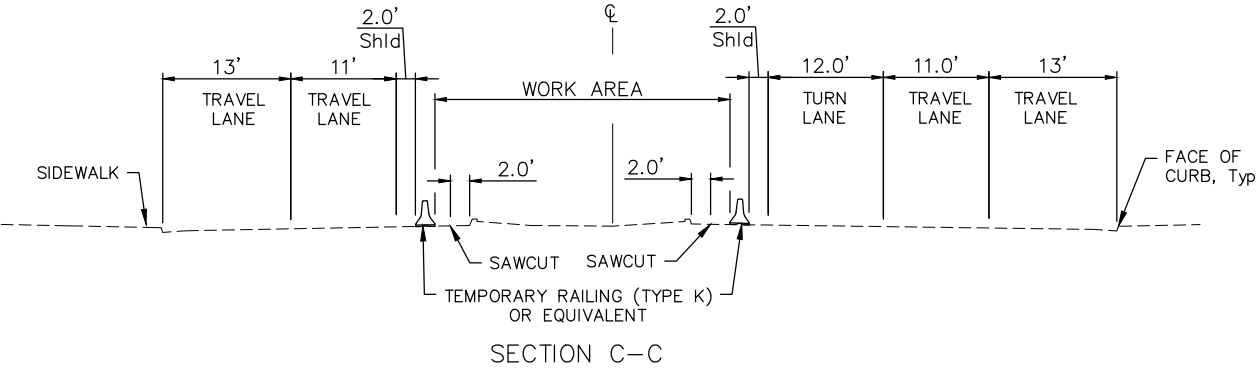
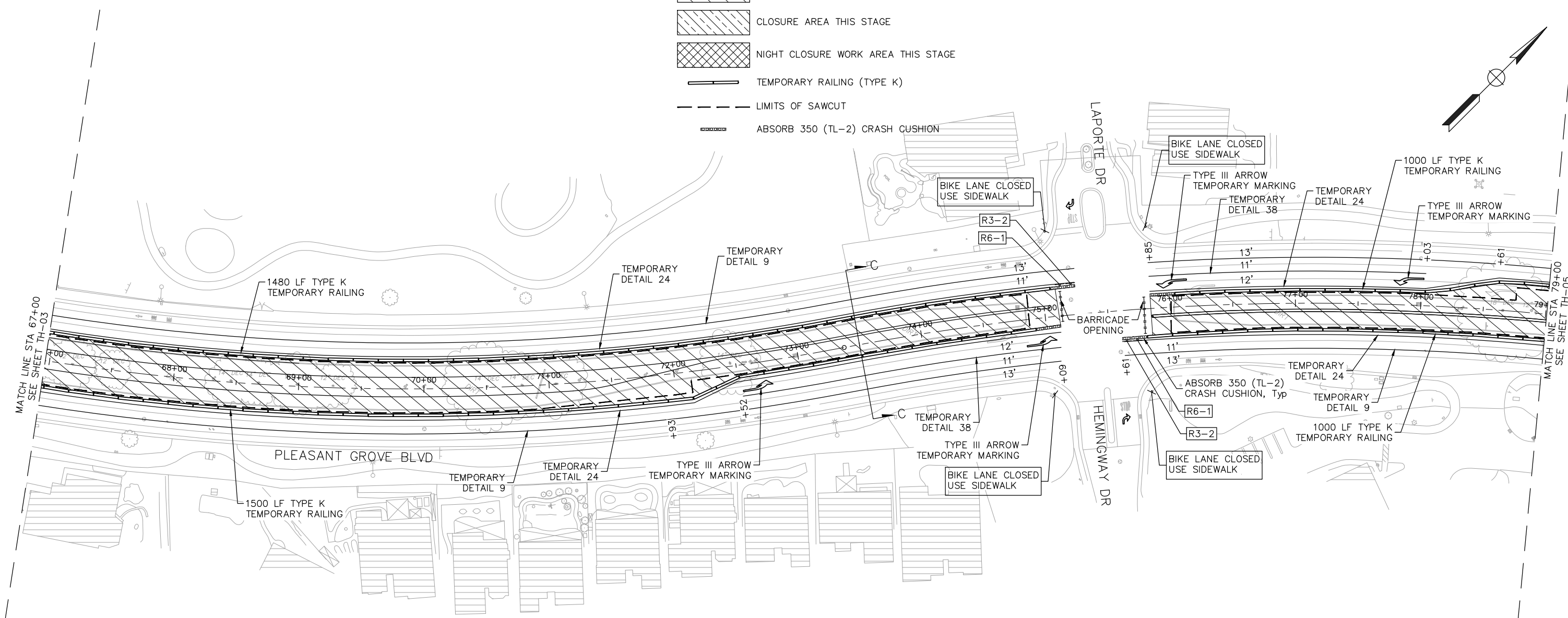


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 1

|       |    |
|-------|----|
| SHEET | 43 |
| OF    | 99 |

STAGE 1 - LEGEND:

- X-X TEMPORARY CONSTRUCTION SIGN
- WORK AREA THIS STAGE
- CLOSURE AREA THIS STAGE
- NIGHT CLOSURE WORK AREA THIS STAGE
- TEMPORARY RAILING (TYPE K)
- LIMITS OF SAWCUT
- ABSORB 350 (TL-2) CRASH CUSHION



100% SUBMITTAL TH-04

|                  |             |      |    |                                                                                                                                   |  |  |  |  |                                                                                     |                         |
|------------------|-------------|------|----|-----------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|-------------------------------------------------------------------------------------|-------------------------|
| <b>REVISIONS</b> |             |      |    | <b>BENCH MARK</b> ELEV. 121.55'                                                                                                   |  |  |  |  | <b>PLEASANT GROVE BOULEVARD<br/>WIDENING PROJECT<br/>TRAFFIC HANDLING - STAGE 1</b> | SHEET<br>44<br>OF<br>99 |
| NO.              | DESCRIPTION | DATE | BY | THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |  |  |  |                                                                                     |                         |
|                  |             |      |    | SCALE<br>HORIZ. 1"=40'<br>VERT. N/A                                                                                               |  |  |  |  |                                                                                     |                         |

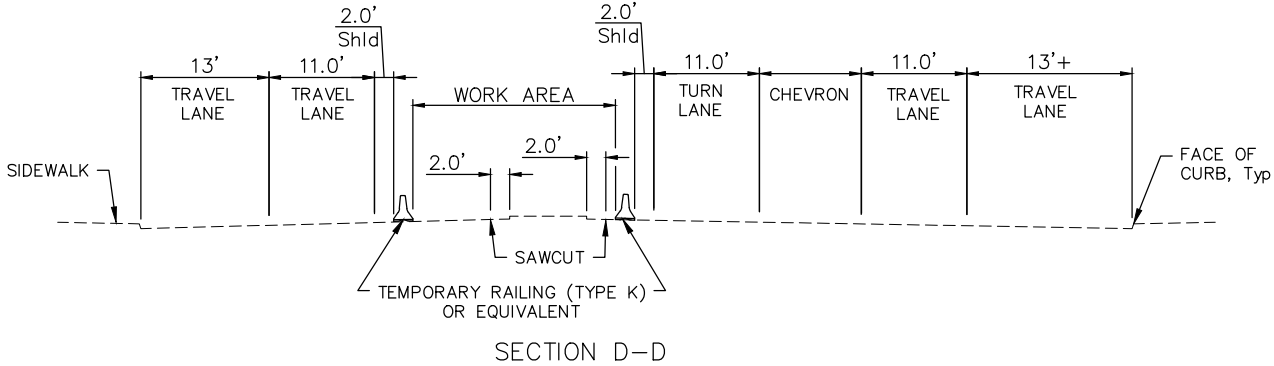
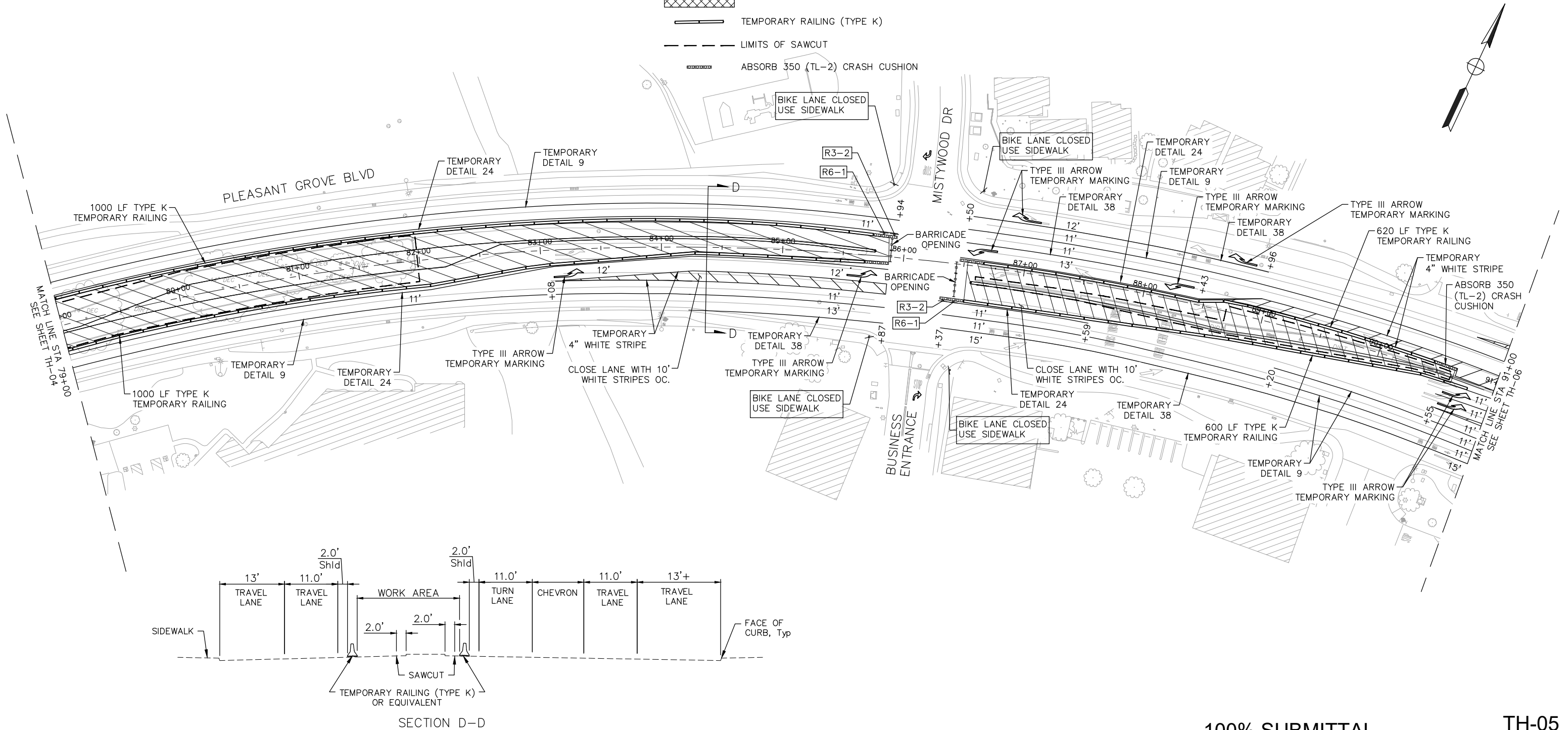
DESIGNED BY: CHRIS BRAZIL  
CHECKED BY: TIM HAYES  
DRAWN BY: DEBI HUYNH

DATE 06/2023  
DATE 06/2023  
DATE 06/2023

Plotted: 06/29/2023 16:12:04. | Drawing: P:\6R0S013306\TRANSP\DESIGN\ROAD\SHEETS\10\_PGB\_TH01-TH07\_[Stage1].dwg | Layout: TH-04 | By: chris.brazil

STAGE 1 - LEGEND:

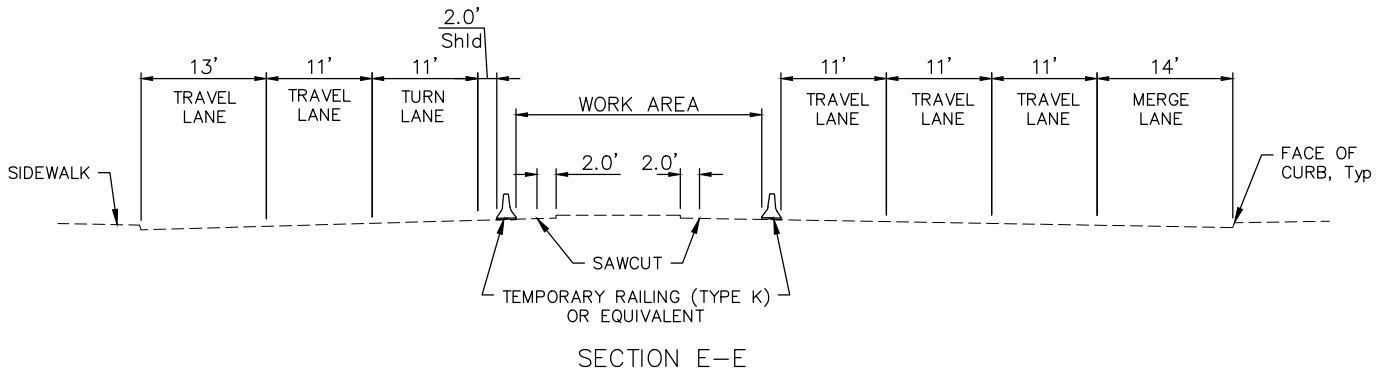
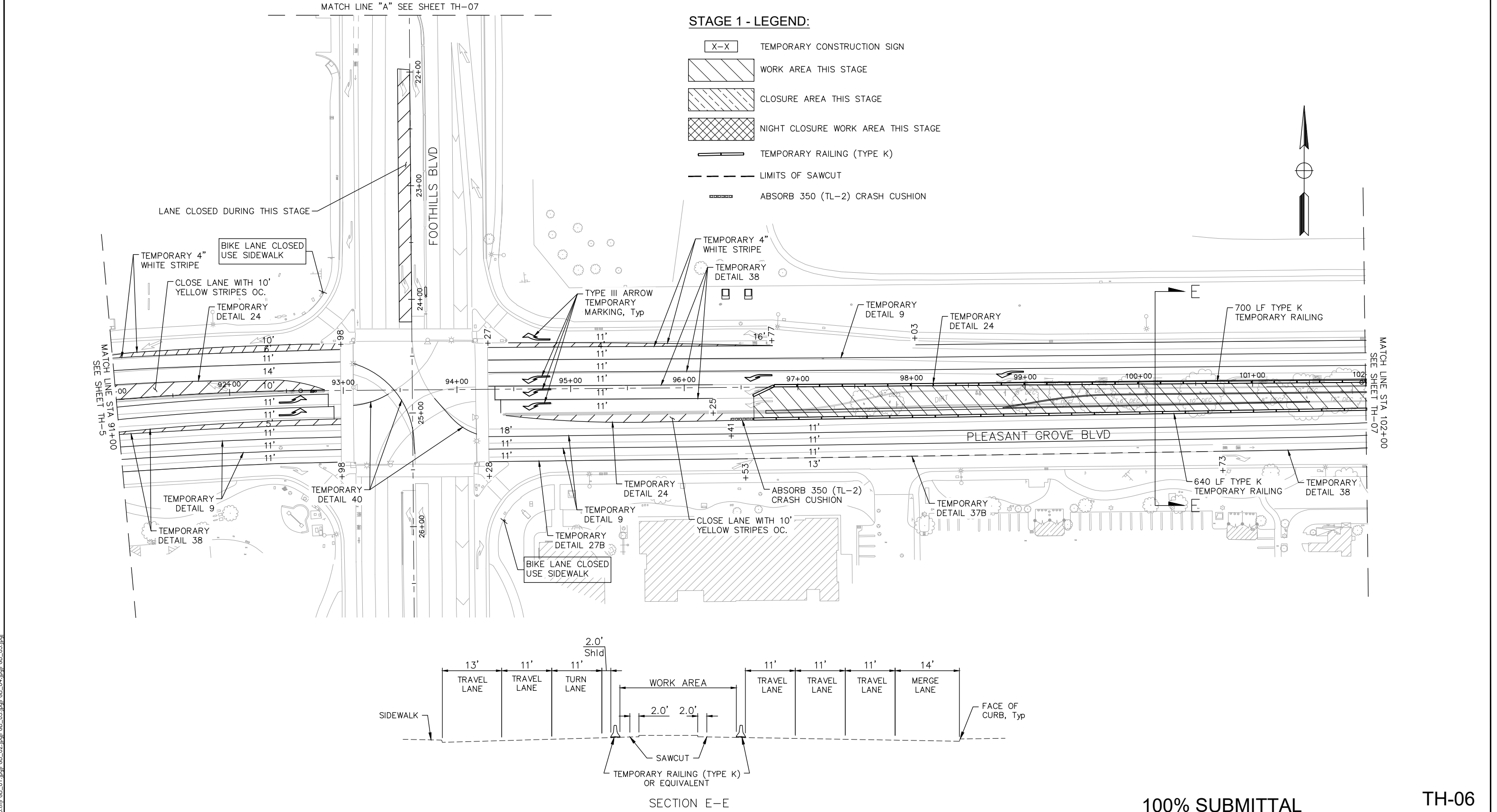
- X-X TEMPORARY CONSTRUCTION SIGN
- WORK AREA THIS STAGE
- CLOSURE AREA THIS STAGE
- NIGHT CLOSURE WORK AREA THIS STAGE
- TEMPORARY RAILING (TYPE K)
- LIMITS OF SAWCUT
- ABSORB 350 (TL-2) CRASH CUSHION



100% SUBMITTAL TH-05

| REVISIONS |             |      |    | BENCH MARK<br>ELEV. 121.55' | CITY OF ROSEVILLE CALIFORNIA | PSOMAS<br>1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122 | DESIGNED BY: CHRIS BRAZIL DATE 06/2023<br>CHECKED BY: TIM HAYES DATE 06/2023<br>DRAWN BY: DEBI HUYNH DATE 06/2023 | REGISTERED PROFESSIONAL ENGINEER<br>TIMOTHY S. HAYES<br>No. C 58986<br>Exp. 6-30-25<br>CIVIL<br>STATE OF CALIFORNIA | PLEASANT GROVE BOULEVARD<br>WIDENING PROJECT<br>TRAFFIC HANDLING - STAGE 1 | SHEET 45 OF 99 |
|-----------|-------------|------|----|-----------------------------|------------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|----------------|
| NO.       | DESCRIPTION | DATE | BY |                             |                              |                                                                                |                                                                                                                   |                                                                                                                     |                                                                            |                |
|           |             |      |    |                             |                              |                                                                                |                                                                                                                   |                                                                                                                     |                                                                            |                |

Xrefs: \_PCB\_Border\_22x34PCB\_X\_Top01PCB-X\_Top0\_Supplement  
Images: cropped COR block logo.tifPCB\_01.jpgPCB\_02.jpgPCB\_03.jpgPCB\_04.jpgPCB\_05.jpg



| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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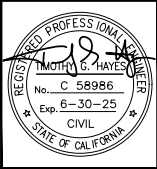
|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|               |  |
|---------------|--|
| SCALE         |  |
| HORIZ. 1"=40' |  |
| VERT. N/A     |  |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: TIM HAYES      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023



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TH-06

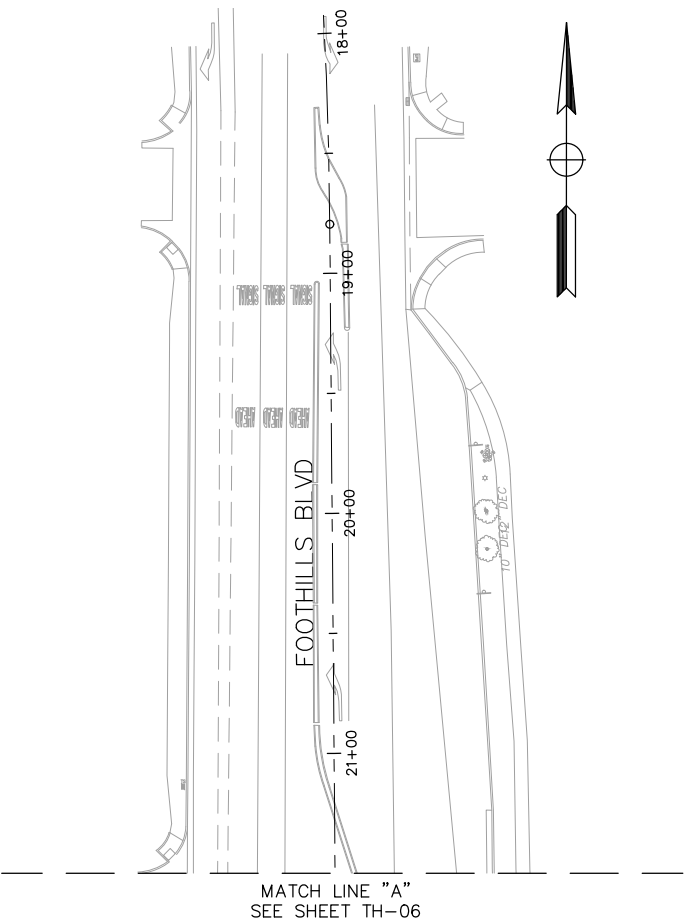
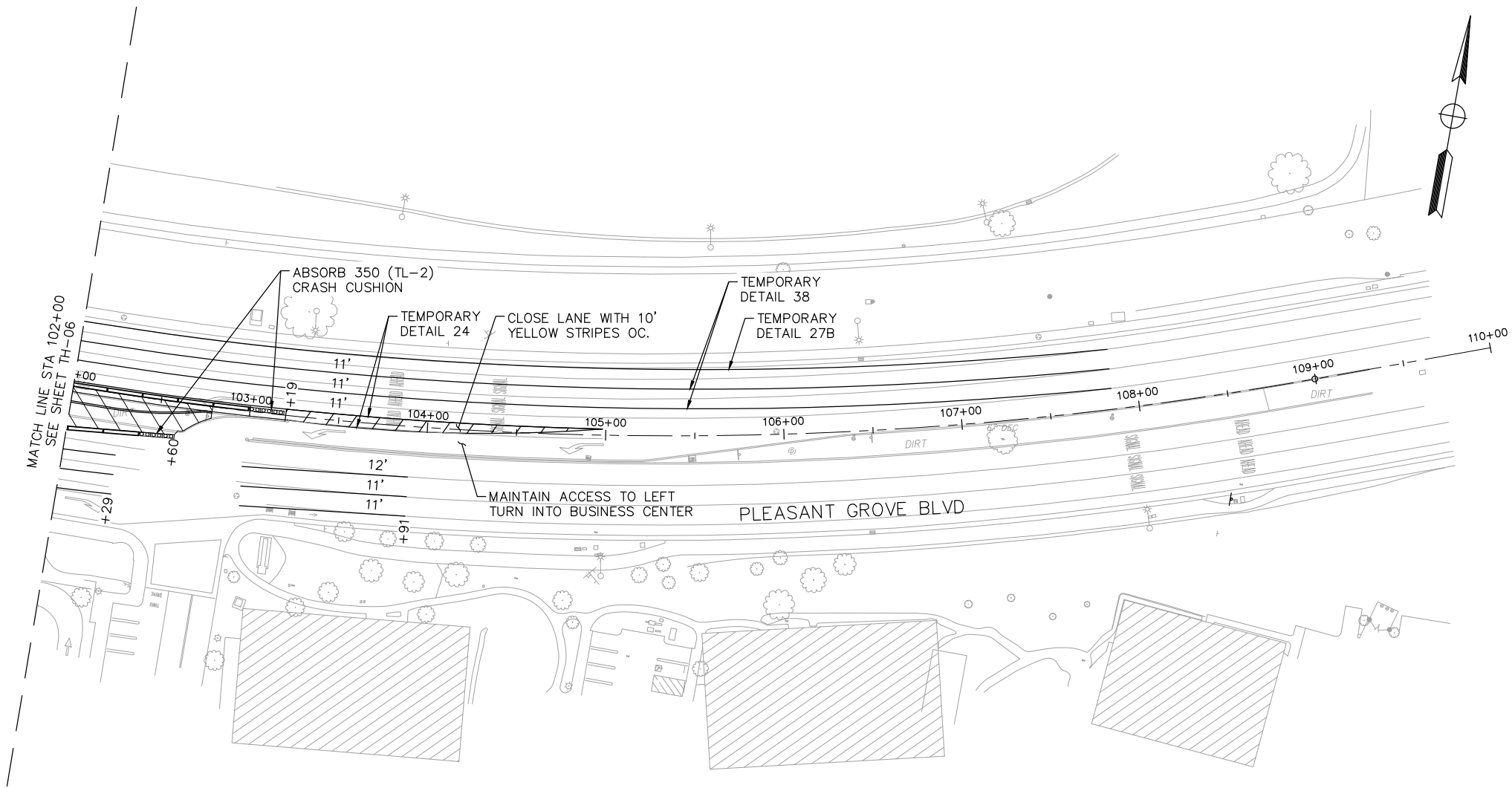
PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 1

SHEET 46 OF 99

STAGE 1 - LEGEND:

- X-X

TEMPORARY CONSTRUCTION SIGN
- WORK AREA THIS STAGE
- CLOSURE AREA THIS STAGE
- NIGHT CLOSURE WORK AREA THIS STAGE
- TEMPORARY RAILING (TYPE K)
- LIMITS OF SAWCUT
- ABSORB 350 (TL-2) CRASH CUSHION



100% SUBMITTAL

TH-07

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
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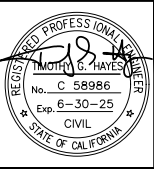
|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | N/A    |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: TIM HAYES      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 1

|       |
|-------|
| SHEET |
| 47    |
| OF    |
| 99    |

Xrefs: \_PCB\_Border\_22-34.PCB\_X\_Topology.PCB-X\_Topology Supplement  
Images: cropped COR\_black\_logo.tif|PCB\_01.jpg|PCB\_02.jpg|PCB\_03.jpg|PCB\_04.jpg|PCB\_05.jpg

STAGE 2 - LEGEND:

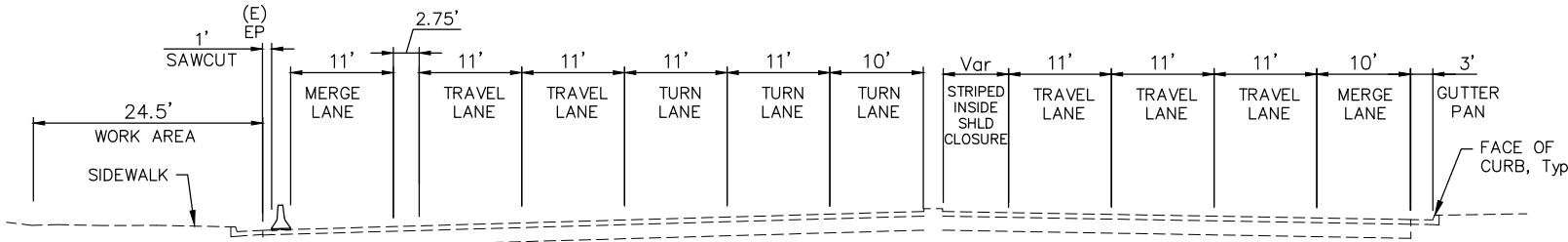
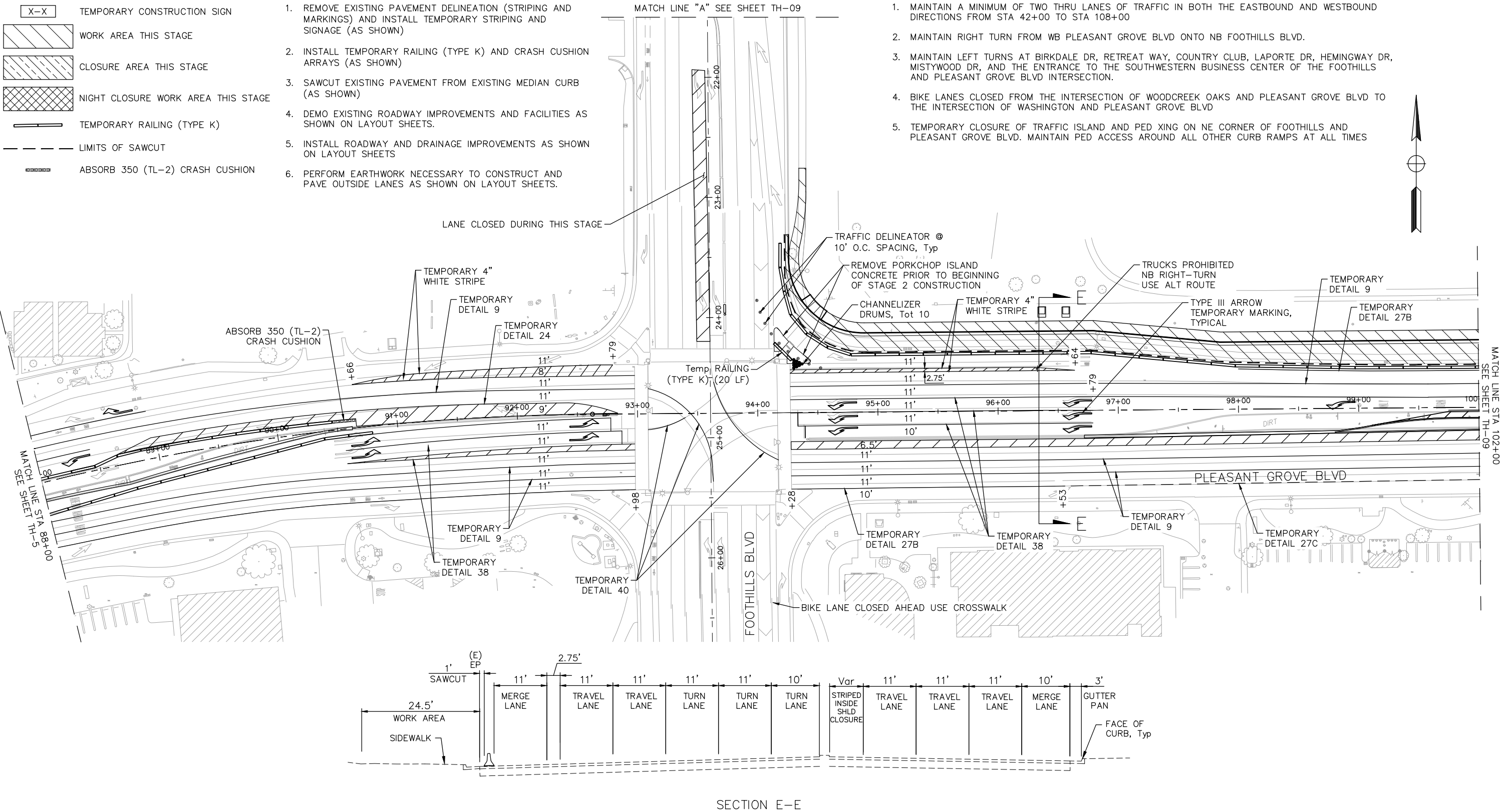
- X-X TEMPORARY CONSTRUCTION SIGN
- WORK AREA THIS STAGE
- CLOSURE AREA THIS STAGE
- NIGHT CLOSURE WORK AREA THIS STAGE
- TEMPORARY RAILING (TYPE K)
- LIMITS OF SAWCUT
- ABSORB 350 (TL-2) CRASH CUSHION

STAGE 2 - CONSTRUCTION:

1. REMOVE EXISTING PAVEMENT DELINEATION (STRIPING AND MARKINGS) AND INSTALL TEMPORARY STRIPING AND SIGNAGE (AS SHOWN)
2. INSTALL TEMPORARY RAILING (TYPE K) AND CRASH CUSHION ARRAYS (AS SHOWN)
3. SAWCUT EXISTING PAVEMENT FROM EXISTING MEDIAN CURB (AS SHOWN)
4. DEMO EXISTING ROADWAY IMPROVEMENTS AND FACILITIES AS SHOWN ON LAYOUT SHEETS.
5. INSTALL ROADWAY AND DRAINAGE IMPROVEMENTS AS SHOWN ON LAYOUT SHEETS
6. PERFORM EARTHWORK NECESSARY TO CONSTRUCT AND PAVE OUTSIDE LANES AS SHOWN ON LAYOUT SHEETS.

STAGE 2 - TRAFFIC HANDLING:

1. MAINTAIN A MINIMUM OF TWO THRU LANES OF TRAFFIC IN BOTH THE EASTBOUND AND WESTBOUND DIRECTIONS FROM STA 42+00 TO STA 108+00
2. MAINTAIN RIGHT TURN FROM WB PLEASANT GROVE BLVD ONTO NB FOOTHILLS BLVD.
3. MAINTAIN LEFT TURNS AT BIRKDALE DR, RETREAT WAY, COUNTRY CLUB, LAPORTE DR, HEMINGWAY DR, MISTYWOOD DR, AND THE ENTRANCE TO THE SOUTHWESTERN BUSINESS CENTER OF THE FOOTHILLS AND PLEASANT GROVE BLVD INTERSECTION.
4. BIKE LANES CLOSED FROM THE INTERSECTION OF WOODCREEK OAKS AND PLEASANT GROVE BLVD TO THE INTERSECTION OF WASHINGTON AND PLEASANT GROVE BLVD
5. TEMPORARY CLOSURE OF TRAFFIC ISLAND AND PED XING ON NE CORNER OF FOOTHILLS AND PLEASANT GROVE BLVD. MAINTAIN PED ACCESS AROUND ALL OTHER CURB RAMPS AT ALL TIMES



100% SUBMITTAL

TH-08

| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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|                                                                                                                                   |         |
|-----------------------------------------------------------------------------------------------------------------------------------|---------|
| BENCH MARK                                                                                                                        |         |
| ELEV.                                                                                                                             | 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |         |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | N/A    |



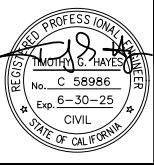
**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023

CHECKED BY: TIM HAYES      DATE 06/2023

DRAWN BY: DEBI HUYNH      DATE 06/2023

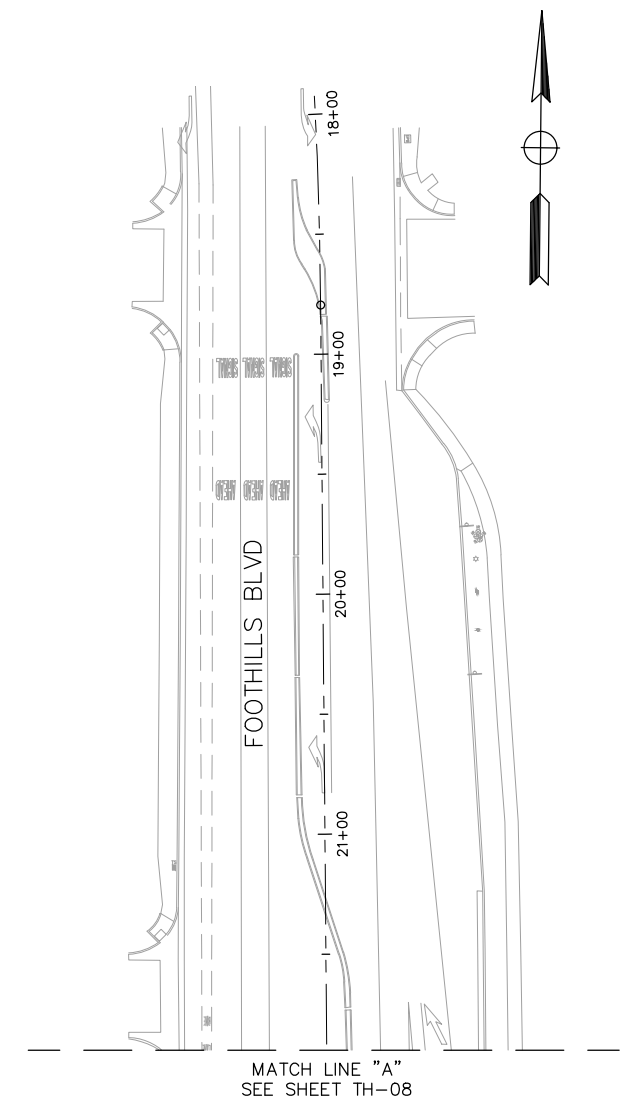
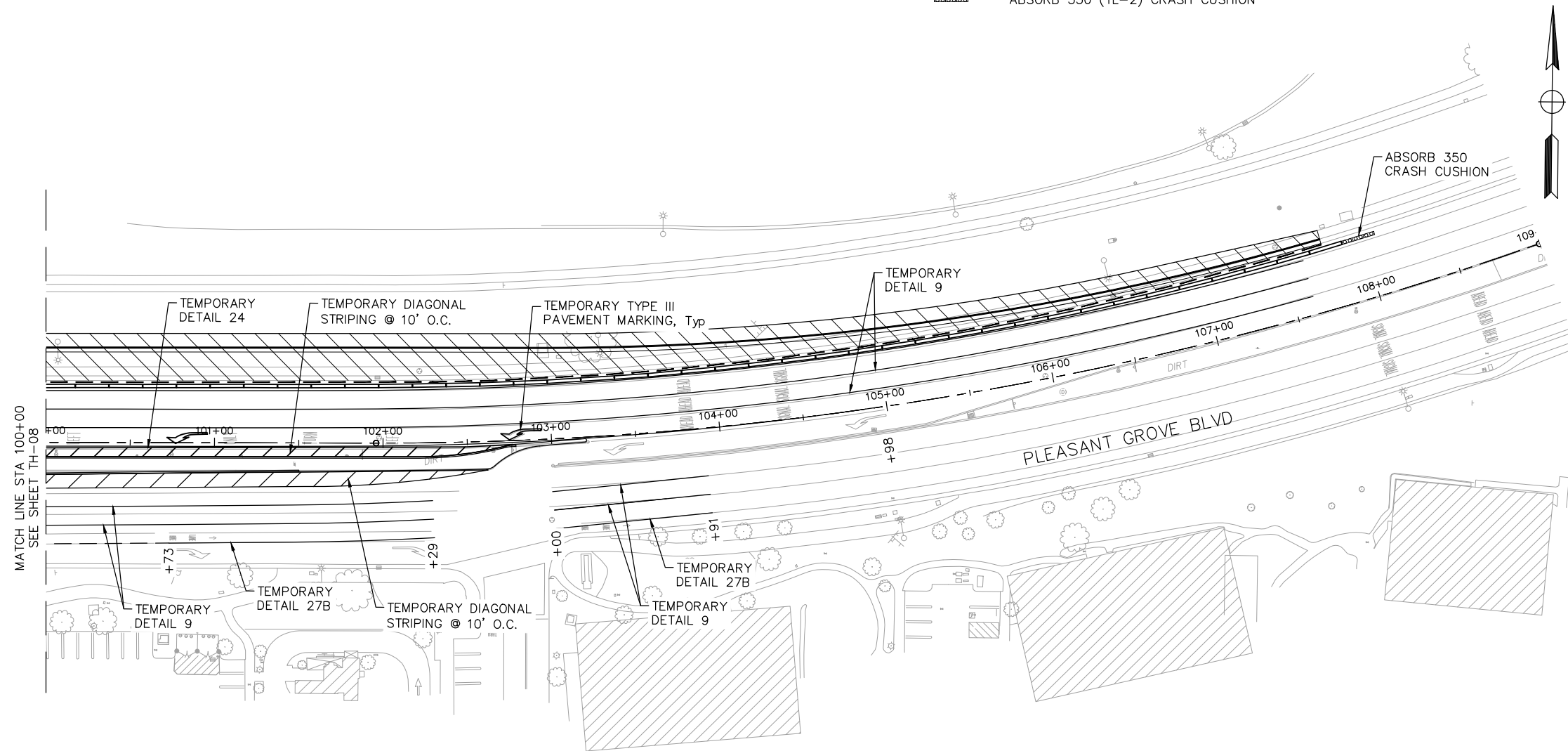


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 2

|       |    |
|-------|----|
| SHEET | 48 |
| OF    | —  |
|       | 99 |



|                                                                                     |                                    |
|-------------------------------------------------------------------------------------|------------------------------------|
|  | TEMPORARY CONSTRUCTION SIGN        |
|  | WORK AREA THIS STAGE               |
|  | CLOSURE AREA THIS STAGE            |
|  | NIGHT CLOSURE WORK AREA THIS STAGE |
|  | TEMPORARY RAILING (TYPE K)         |
|  | LIMITS OF SAWCUT                   |
|  | ABSORB 350 (TL-2) CRASH CUSHION    |



TH-09

|           |             |      |    |                                                                                                                                   |  |               |  |                                                                                       |  |                                                                                                                                                               |  |                                                                                       |  |                                                                            |  |                             |  |
|-----------|-------------|------|----|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|--|---------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|-----------------------------|--|
| REVISIONS |             |      |    | BENCH MARK                                                                                                                        |  | ELEV. 121.55' |  |  |  | <br>1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122 |  |  |  | PLEASANT GROVE BOULEVARD<br>WIDENING PROJECT<br>TRAFFIC HANDLING - STAGE 2 |  | SHEET<br>49<br>— OF —<br>99 |  |
| NO.       | DESCRIPTION | DATE | BY | THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  | SCALE         |  |                                                                                       |  | DESIGNED BY: CHRIS BRAZIL DATE 06/2023                                                                                                                        |  | CHECKED BY: TIM HAYES DATE 06/2023                                                    |  | DRAWN BY: DEBI HUYNH DATE 06/2023                                          |  |                             |  |
|           |             |      |    |                                                                                                                                   |  | HORIZ. 1"=40' |  |                                                                                       |  |                                                                                                                                                               |  |                                                                                       |  |                                                                            |  |                             |  |
|           |             |      |    |                                                                                                                                   |  | VERT. N/A     |  |                                                                                       |  |                                                                                                                                                               |  |                                                                                       |  |                                                                            |  |                             |  |

Plotted: 06/29/2023 16:13:09. Drawing: P:\6ROS013306\TRANSP\DESIGN\ROAD\SHEETS\11\_PGB\_TH08-TH09\_Stage2.dwg Layout: TH-09 By: chris.brazil



STAGE 3 - LEGEND:

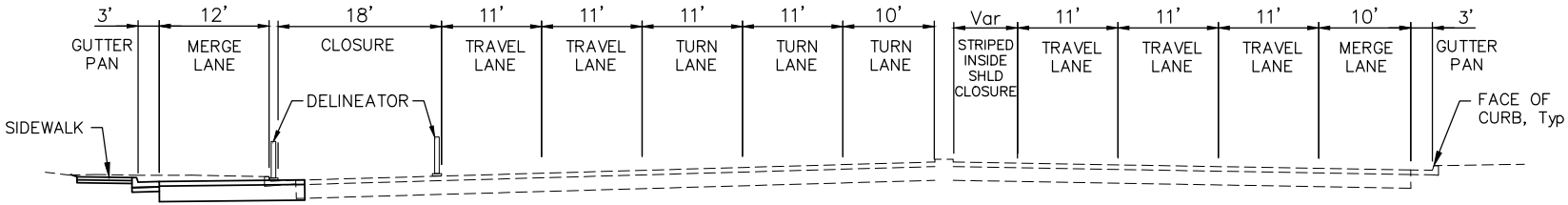
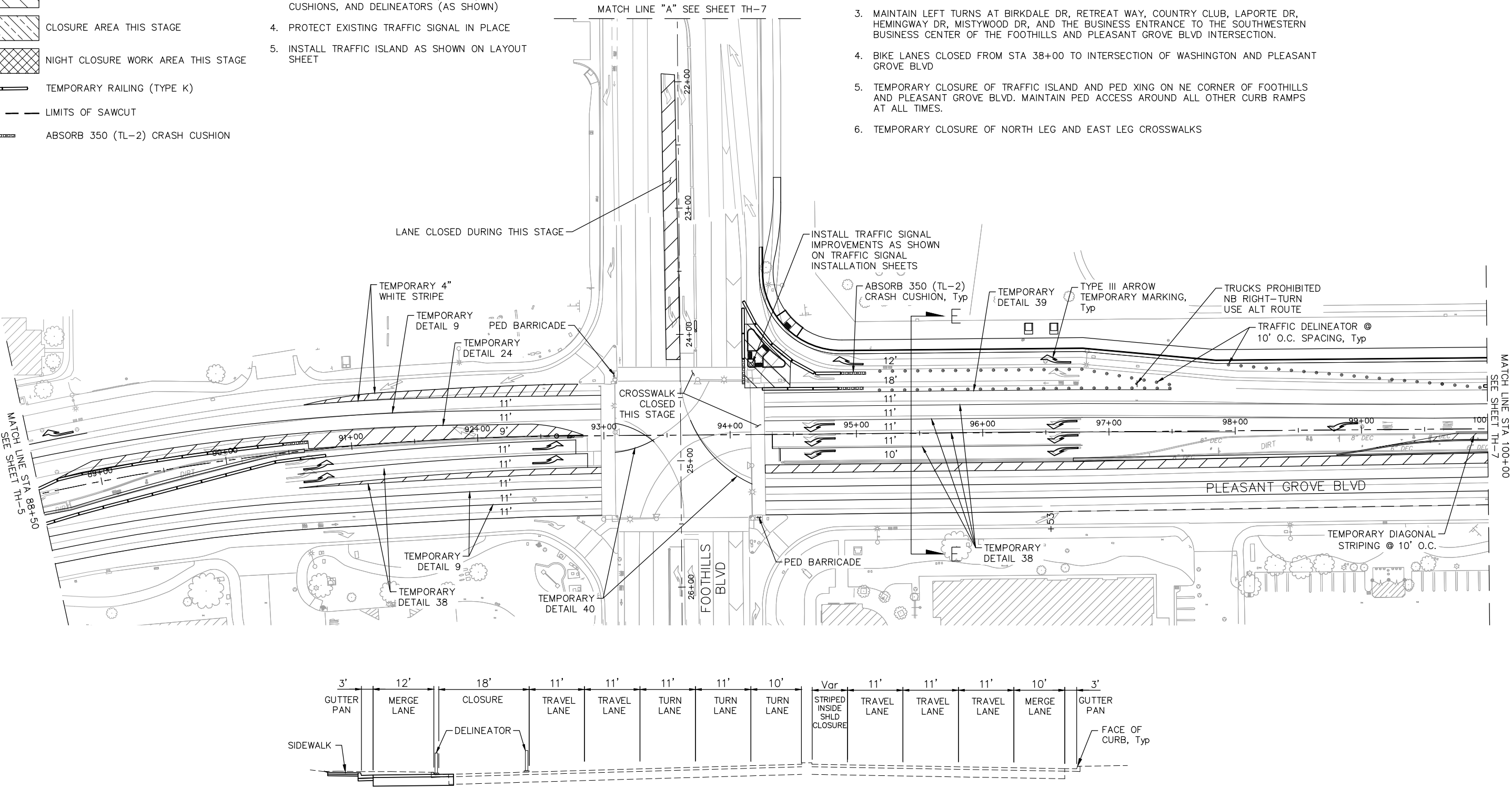
- X-X
- TEMPORARY CONSTRUCTION SIGN
- 
- WORK AREA THIS STAGE
- 
- CLOSURE AREA THIS STAGE
- 
- NIGHT CLOSURE WORK AREA THIS STAGE
- 
- TEMPORARY RAILING (TYPE K)
- 
- LIMITS OF SAWCUT
- 
- ABSORB 350 (TL-2) CRASH CUSHION

STAGE 3 - CONSTRUCTION:

1. REMOVE EXISTING PAVEMENT DELINEATION AND INSTALL TEMPORARY STRIPING AND SIGNAGE (AS SHOWN)
2. INSTALL TEMPORARY RAILING (TYPE K), CRASH CUSHIONS, AND DELINEATORS (AS SHOWN)
4. PROTECT EXISTING TRAFFIC SIGNAL IN PLACE
5. INSTALL TRAFFIC ISLAND AS SHOWN ON LAYOUT SHEET

STAGE 3 - TRAFFIC HANDLING:

1. MAINTAIN A MINIMUM OF TWO THRU LANES OF TRAFFIC IN BOTH THE EASTBOUND AND WESTBOUND DIRECTIONS FROM STA 42+00 TO STA 108+00
2. MAINTAIN RIGHT TURN FROM WB PLEASANT GROVE BLVD ONTO NB FOOTHILLS BLVD.
3. MAINTAIN LEFT TURNS AT BIRKDALE DR, RETREAT WAY, COUNTRY CLUB, LAPORTE DR, HEMINGWAY DR, MISTYWOOD DR, AND THE BUSINESS ENTRANCE TO THE SOUTHWESTERN BUSINESS CENTER OF THE FOOTHILLS AND PLEASANT GROVE BLVD INTERSECTION.
4. BIKE LANES CLOSED FROM STA 38+00 TO INTERSECTION OF WASHINGTON AND PLEASANT GROVE BLVD
5. TEMPORARY CLOSURE OF TRAFFIC ISLAND AND PED XING ON NE CORNER OF FOOTHILLS AND PLEASANT GROVE BLVD. MAINTAIN PED ACCESS AROUND ALL OTHER CURB RAMPS AT ALL TIMES.
6. TEMPORARY CLOSURE OF NORTH LEG AND EAST LEG CROSSWALKS



SECTION E-E

100% SUBMITTAL

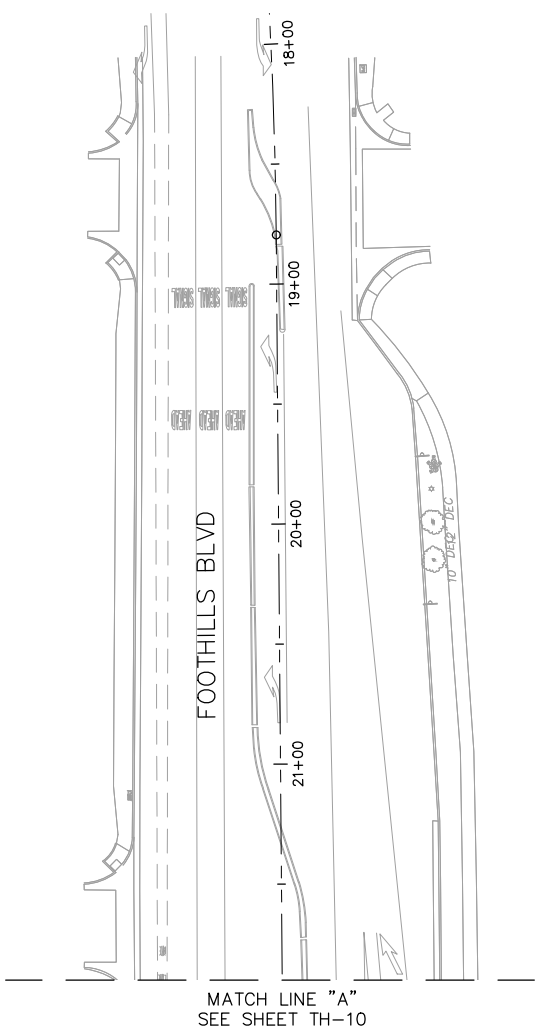
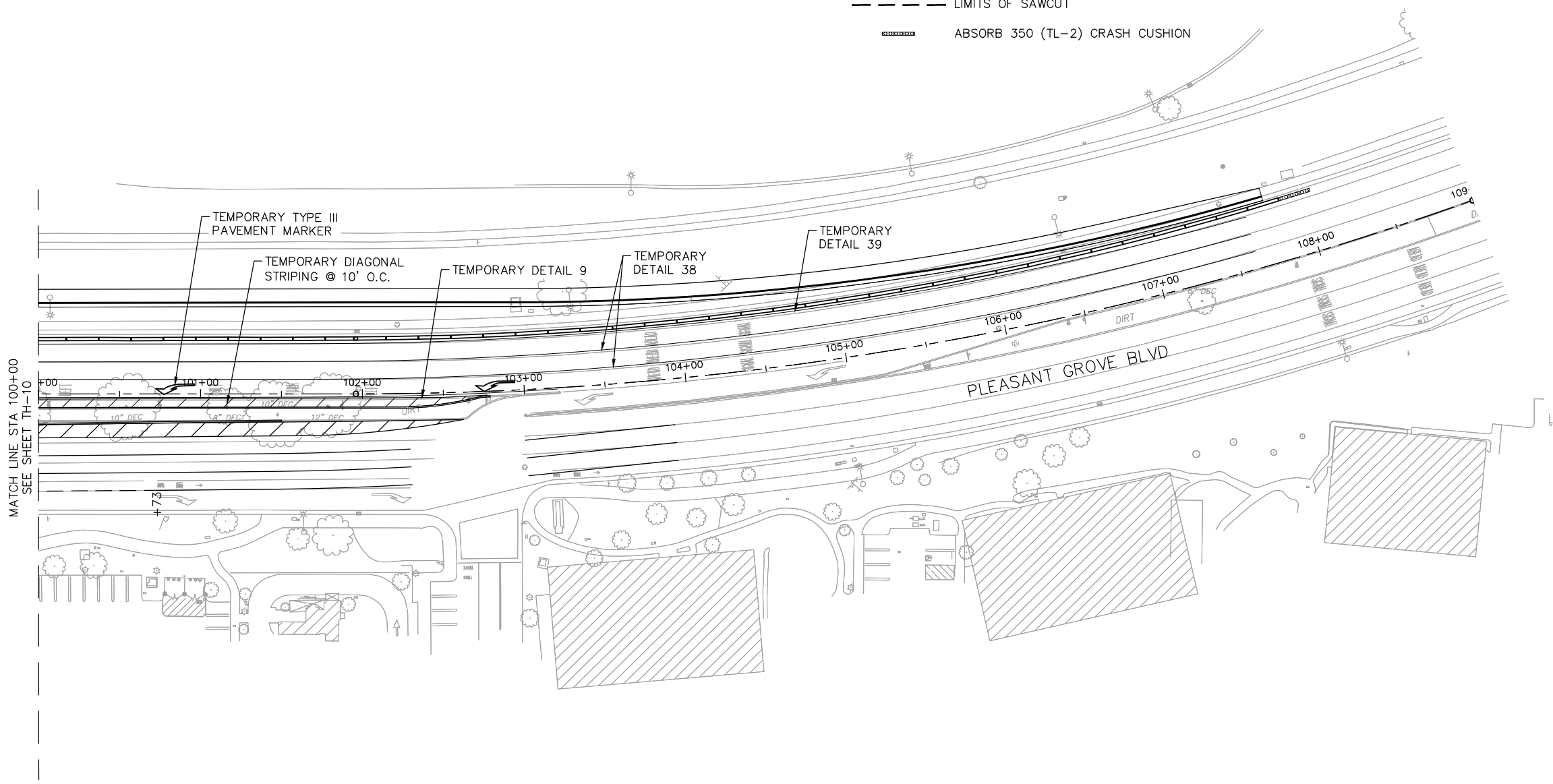
TH-10

| REVISIONS |             |      |    | BENCH MARK                                                                                                                        | ELEV. 121.55' | SCALE                      | CITY OF ROSEVILLE CALIFORNIA | PSOMAS<br>1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122<br>DESIGNED BY: CHRIS BRAZIL DATE 06/2023<br>CHECKED BY: TIM HAYES DATE 06/2023<br>DRAWN BY: DEBI HUYNH DATE 06/2023 | REGISTERED PROFESSIONAL ENGINEER<br>TIMOTHY S. HAYES<br>No. C 58986<br>Exp. 6-30-25<br>CIVIL<br>STATE OF CALIFORNIA | PLEASANT GROVE BOULEVARD<br>WIDENING PROJECT<br>TRAFFIC HANDLING - STAGE 3 |  | SHEET<br>50<br>OF<br>99 |
|-----------|-------------|------|----|-----------------------------------------------------------------------------------------------------------------------------------|---------------|----------------------------|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--|-------------------------|
| NO.       | DESCRIPTION | DATE | BY |                                                                                                                                   |               |                            |                              |                                                                                                                                                                                                     |                                                                                                                     |                                                                            |  |                         |
|           |             |      |    | THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |               | HORIZ. 1"=40'<br>VERT. N/A |                              |                                                                                                                                                                                                     |                                                                                                                     |                                                                            |  |                         |
|           |             |      |    |                                                                                                                                   |               |                            |                              |                                                                                                                                                                                                     |                                                                                                                     |                                                                            |  |                         |



STAGE 3 - LEGEND:

- X-X TEMPORARY CONSTRUCTION SIGN
- [diagonal lines] WORK AREA THIS STAGE
- [cross-hatch] CLOSURE AREA THIS STAGE
- [grid] NIGHT CLOSURE WORK AREA THIS STAGE
- [solid line] TEMPORARY RAILING (TYPE K)
- [dashed line] LIMITS OF SAWCUT
- [rectangle with X] ABSORB 350 (TL-2) CRASH CUSHION



100% SUBMITTAL TH-11

|                  |             |      |    |                                                                                                                                   |  |  |  |  |                                                                                     |                         |
|------------------|-------------|------|----|-----------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|-------------------------------------------------------------------------------------|-------------------------|
| <b>REVISIONS</b> |             |      |    | <b>BENCH MARK</b> ELEV. 121.55'                                                                                                   |  |  |  |  | <b>PLEASANT GROVE BOULEVARD<br/>WIDENING PROJECT<br/>TRAFFIC HANDLING - STAGE 3</b> | SHEET<br>51<br>OF<br>99 |
| NO.              | DESCRIPTION | DATE | BY | THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |  |  |  |                                                                                     |                         |
|                  |             |      |    | SCALE<br>HORIZ. 1"=40'<br>VERT. N/A                                                                                               |  |  |  |  |                                                                                     |                         |

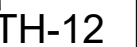
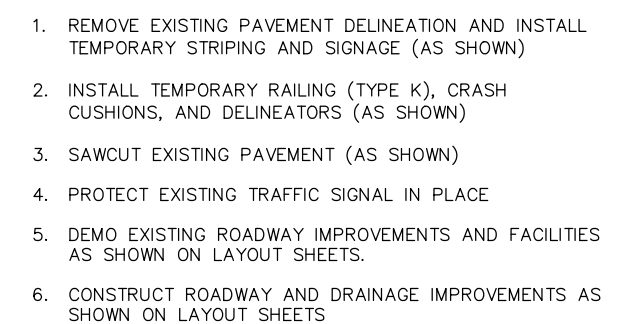
DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023

Plotted: 06/29/2023 16:14:01. | Drawing: P:\6R0S013306\TRANSP\DESIGN\ROAD\SHEETS\12\_PGB\_TH10-TH11\_[Stage3].dwg | Layout: TH-11 | By: chris.brazil

|                                                                                   |                                    |
|-----------------------------------------------------------------------------------|------------------------------------|
|  | TEMPORARY CONSTRUCTION SIGN        |
|  | WORK AREA THIS STAGE               |
|  | CLOSURE AREA THIS STAGE            |
|  | NIGHT CLOSURE WORK AREA THIS STAGE |
|  | TEMPORARY RAILING (TYPE K)         |
|  | LIMITS OF SAWCUT                   |
|  | ABSORB 350 (TL-2) CRASH CUSHION    |

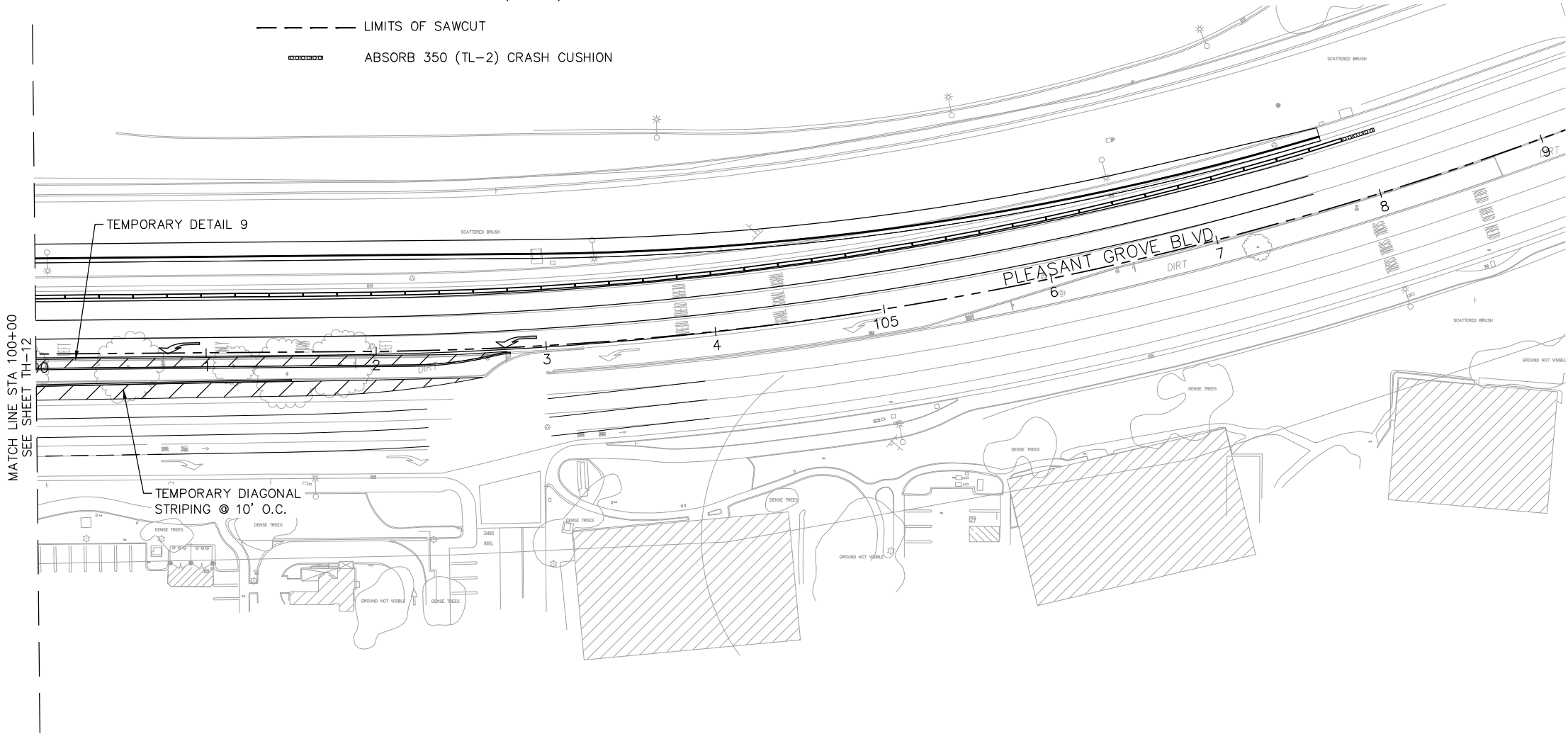


SHEET  
52  
OF —  
99

STAGE 4 - LEGEND:

- X-X

TEMPORARY CONSTRUCTION SIGN
- WORK AREA THIS STAGE
- CLOSURE AREA THIS STAGE
- NIGHT CLOSURE WORK AREA THIS STAGE
- TEMPORARY RAILING (TYPE K)
- LIMITS OF SAWCUT
- ABSORB 350 (TL-2) CRASH CUSHION



100% SUBMITTAL

TH-13

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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BENCH MARK ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

SCALE

HORIZ. 1"=40'

VERT. N/A



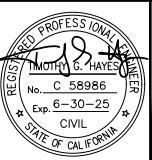
**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL DATE: 06/2023

CHECKED BY: JIM HAYES DATE: 06/2023

DRAWN BY: DEBI HUYNH DATE: 06/2023



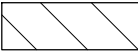
PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 4

SHEET  
53  
OF  
99

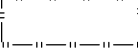
Xrefs: \_P08\_Border\_22x34(P08\_X\_Topo)(P08-RD01\_(STAGE-1))(P08\_X\_Topo\_Supplement)(P08-RD01)(P08-SS01  
images: cropped cbr\_black\_logos.tif(P08\_01.jpg)(P08\_02.jpg)(P08\_03.jpg)(P08\_04.jpg)(P08\_05.jpg)

STAGE 5 - LEGEND:

- ^ ^ ^ ^ ^ ^ ^ ^ -

LIMITS OF HMA OVERLAY
- 

WORK AREA THIS STAGE
- 

NIGHT CLOSURE WORK AREA THIS STAGE
- 

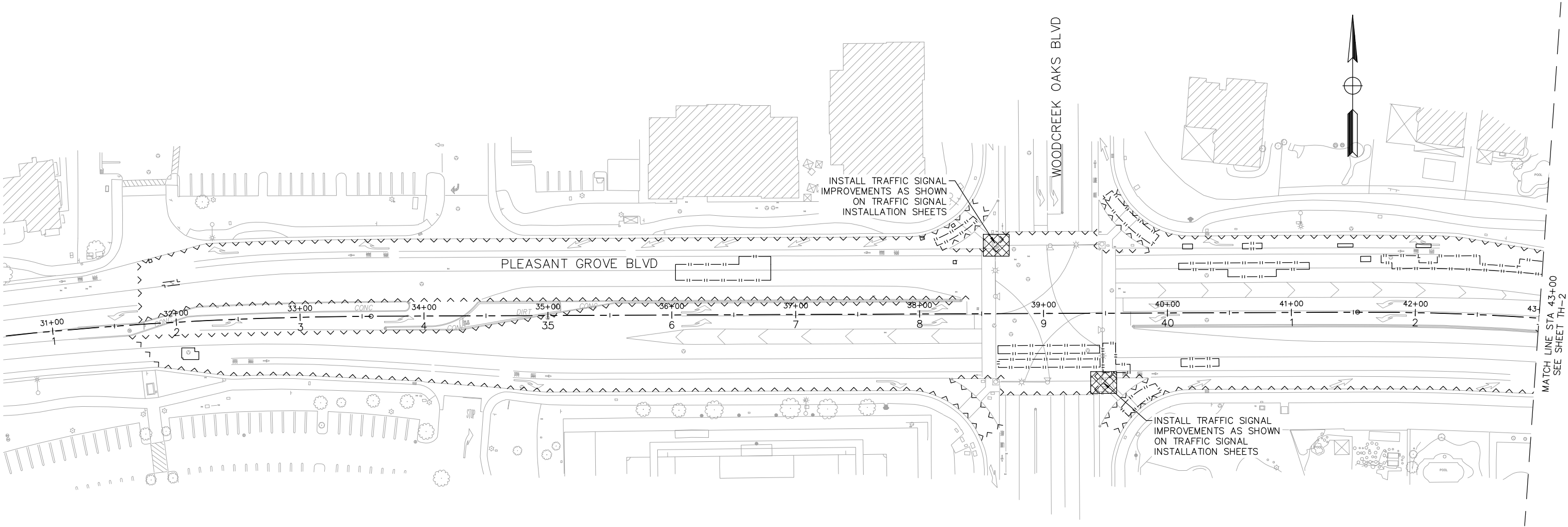
DIGOUT LOCATIONS

STAGE 5 - TRAFFIC HANDLING

1. ALL WORK SHOWN ON THIS SHEET SHALL BE PERFORMED DURING NIGHT-TIME APPROVED WORKING HOURS OF 9PM TO 5AM
2. AFTER INSTALLATION OF NEW TRAFFIC SIGNALS AND MAST ARMS, REMOVE ALL TEMPORARY SIGNAGE AND K-RAILING
3. MAINTAIN PED ACCESS AT ALL CURB RAMPS AND CROSSWALKS
4. TEMPORARY LANE CLOSURES FOR INSTALLATION OF MICRO-SURFACING
5. TEMPORARY LANE CLOSURES FOR PAVEMENT DELINEATION

STAGE 5 - CONSTRUCTION

1. REMOVE EXISTING TRAFFIC SIGNALS AND MAST ARMS
2. INSTALL NEW TRAFFIC SIGNALS AND MAST ARMS AS SHOWN ON TRAFFIC SIGNAL INSTALLATION SHEETS
3. REMOVE ALL TEMPORARY K-RAILING, PAVEMENT STRIPING, PAVEMENT MARKINGS, AND SIGNAGE
4. REMOVE EXISTING THERMOPLASTIC TRAFFIC STRIPING AND MARKINGS WITHIN LIMITS OF MICRO-SURFACING
5. PERFORM TRAFFIC LOOP GRIND OUTS
6. PERFORM DIGOUTS
7. CONSTRUCT HMA OVERLAY FROM STA 32+00 TO 109+70
8. INSTALL PAVEMENT DELINEATION AS SHOWN ON STRIPING PLANS



NOTE: HMA DIGOUTS FOR AREAS SHOWN ON THESE PLANS ARE 4 INCHES IN DEPTH. SEE CONSTRUCTION DETAIL SHEET CD-06 FOR DETAILS.

100% SUBMITTAL

TH-14

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
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|           |             |      |    |

|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | N/A    |

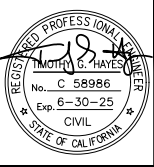


**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023

CHECKED BY: TIM HAYES      DATE 06/2023

DRAWN BY: DEBI HUYNH      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 5

|       |
|-------|
| SHEET |
| 54    |
| OF    |
| 99    |

Xrefs: \_PCB\_Border\_22x34PCB\_X\_Topo\_SupplementPCB-EP011x-4099\_signalPCB-Digouts  
Images: cropped\_Cor\_black\_logo.tifPCB\_01.jpgPCB\_02.jpgPCB\_03.jpgPCB\_04.jpgPCB\_05.jpg

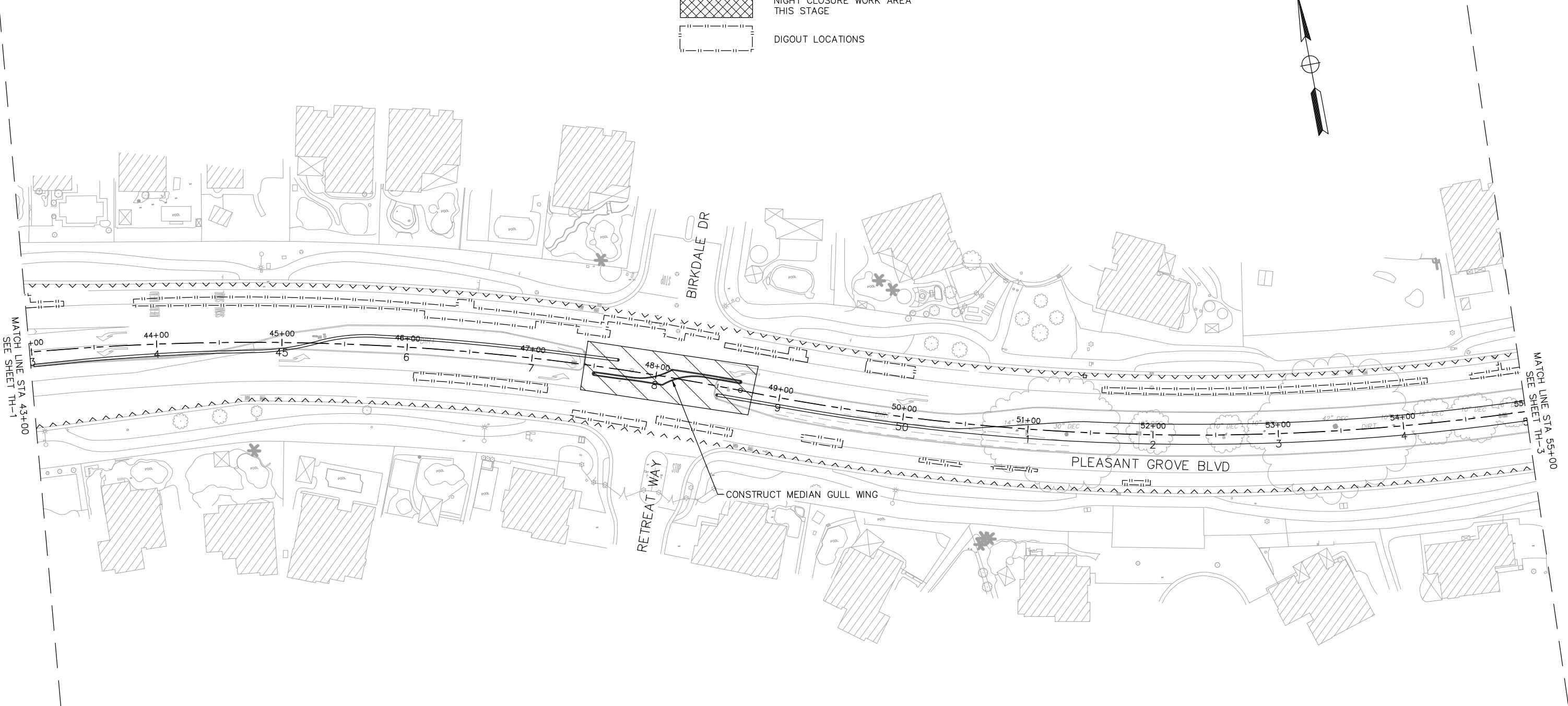
STAGE 5 - LEGEND:

^ ^ ^ ^ ^ ^ - LIMITS OF HMA OVERLAY

[Hatched Box] WORK AREA THIS STAGE

[Cross-hatched Box] NIGHT CLOSURE WORK AREA THIS STAGE

[Dashed Box] DIGOUT LOCATIONS



100% SUBMITTAL

TH-15

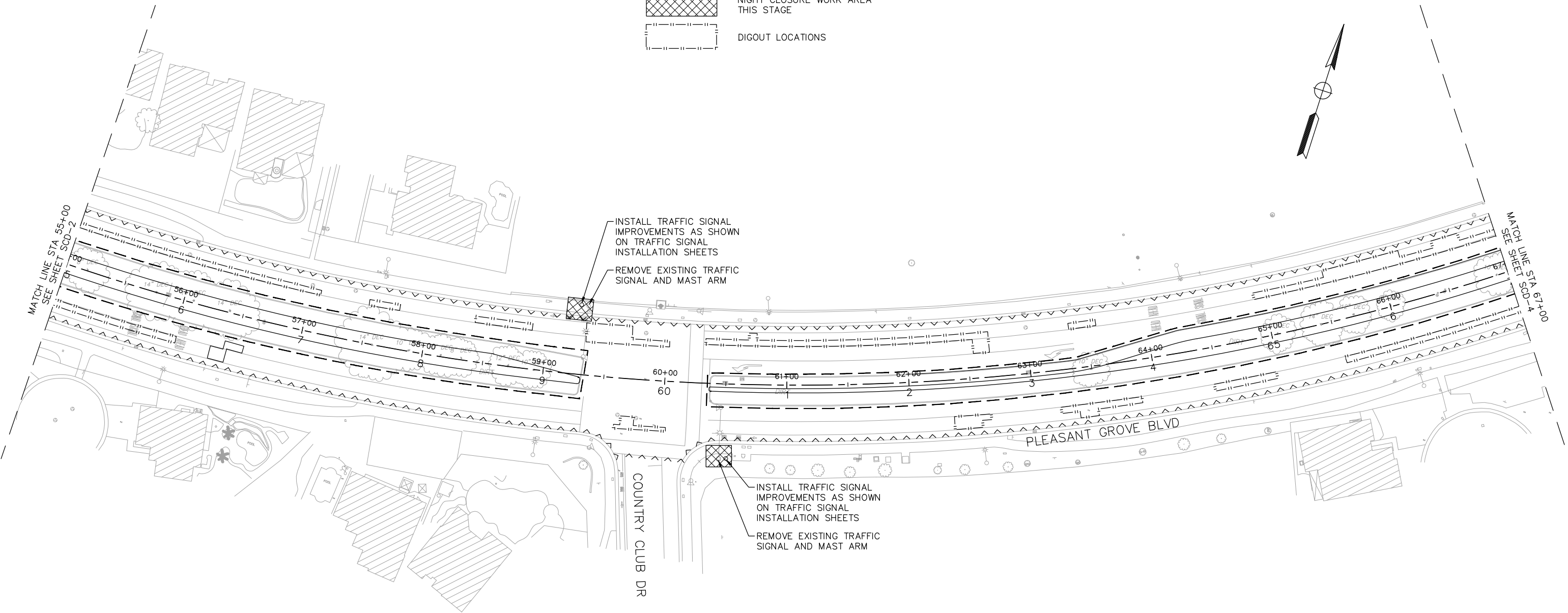
Xrefs: \_PCB\_Border\_22-34-PCB\_X\_Topo\_SupplementPCB-0011-4099\_signalPCB-Digouts  
Images: cropped COR block logo.tifPCB\_01.jpgPCB\_02.jpgPCB\_03.jpgPCB\_04.jpgPCB\_05.jpg

| <table><tr><th colspan="4">REVISIONS</th></tr><tr><th>NO.</th><th>DESCRIPTION</th><th>DATE</th><th>BY</th></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table> |              |               |    | REVISIONS |  |  |  | NO. | DESCRIPTION | DATE | BY |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <table><tr><td colspan="2">BENCH MARK</td><td>ELEV. 121.55'</td></tr><tr><td colspan="3">THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.</td></tr></table> |  | BENCH MARK |  | ELEV. 121.55' | THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |  | <table><tr><td colspan="2">SCALE</td></tr><tr><td>HORIZ. 1"=40'</td><td> </td></tr><tr><td>VERT. N/A</td><td> </td></tr></table> |  | SCALE |  | HORIZ. 1"=40' |  | VERT. N/A |  |  |  | <table><tr><td colspan="2"><b>PSOMAS</b></td></tr><tr><td colspan="2">1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122</td></tr><tr><td>DESIGNED BY: CHRIS BRAZIL</td><td>DATE 06/2023</td></tr><tr><td>CHECKED BY: TIM HAYES</td><td>DATE 06/2023</td></tr><tr><td>DRAWN BY: DEBI HUYNH</td><td>DATE 06/2023</td></tr></table> |  | <b>PSOMAS</b> |  | 1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122 |  | DESIGNED BY: CHRIS BRAZIL | DATE 06/2023 | CHECKED BY: TIM HAYES | DATE 06/2023 | DRAWN BY: DEBI HUYNH | DATE 06/2023 |  |  | <table><tr><td colspan="2">PLEASANT GROVE BOULEVARD<br/>WIDENING PROJECT<br/>TRAFFIC HANDLING - STAGE 5</td></tr></table> |  | PLEASANT GROVE BOULEVARD<br>WIDENING PROJECT<br>TRAFFIC HANDLING - STAGE 5 |  | <table><tr><td>SHEET</td><td>55</td></tr><tr><td>OF</td><td>99</td></tr></table> |  | SHEET | 55 | OF | 99 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|---------------|----|-----------|--|--|--|-----|-------------|------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|--|---------------|-----------------------------------------------------------------------------------------------------------------------------------|--|--|----------------------------------------------------------------------------------------------------------------------------------|--|-------|--|---------------|--|-----------|--|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------|--|----------------------------------------------------------------------|--|---------------------------|--------------|-----------------------|--------------|----------------------|--------------|--|--|---------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|--|-------|----|----|----|
| REVISIONS                                                                                                                                                                                                                                                                                                                   |              |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| NO.                                                                                                                                                                                                                                                                                                                         | DESCRIPTION  | DATE          | BY |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
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|                                                                                                                                                                                                                                                                                                                             |              |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| BENCH MARK                                                                                                                                                                                                                                                                                                                  |              | ELEV. 121.55' |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.                                                                                                                                                                                           |              |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| SCALE                                                                                                                                                                                                                                                                                                                       |              |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| HORIZ. 1"=40'                                                                                                                                                                                                                                                                                                               |              |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| VERT. N/A                                                                                                                                                                                                                                                                                                                   |              |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| <b>PSOMAS</b>                                                                                                                                                                                                                                                                                                               |              |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| 1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122                                                                                                                                                                                                                                                        |              |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| DESIGNED BY: CHRIS BRAZIL                                                                                                                                                                                                                                                                                                   | DATE 06/2023 |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| CHECKED BY: TIM HAYES                                                                                                                                                                                                                                                                                                       | DATE 06/2023 |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| DRAWN BY: DEBI HUYNH                                                                                                                                                                                                                                                                                                        | DATE 06/2023 |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| PLEASANT GROVE BOULEVARD<br>WIDENING PROJECT<br>TRAFFIC HANDLING - STAGE 5                                                                                                                                                                                                                                                  |              |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| SHEET                                                                                                                                                                                                                                                                                                                       | 55           |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |
| OF                                                                                                                                                                                                                                                                                                                          | 99           |               |    |           |  |  |  |     |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                                                              |  |            |  |               |                                                                                                                                   |  |  |                                                                                                                                  |  |       |  |               |  |           |  |  |  |                                                                                                                                                                                                                                                                                                                                                     |  |               |  |                                                                      |  |                           |              |                       |              |                      |              |  |  |                                                                                                                           |  |                                                                            |  |                                                                                  |  |       |    |    |    |

STAGE 5 - LEGEND:

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LIMITS OF HMA OVERLAY
- WORK AREA THIS STAGE
- NIGHT CLOSURE WORK AREA  
THIS STAGE
- DIGOUT LOCATIONS



100% SUBMITTAL TH-16

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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BENCH MARK ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

| SCALE  |        |
|--------|--------|
| HORIZ. | 1"=40' |
| VERT.  | N/A    |

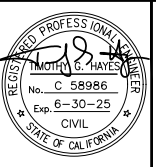


**PSOMAS**  
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DESIGNED BY: CHRIS BRAZIL DATE 06/2023

CHECKED BY: TIM HAYES DATE 06/2023

DRAWN BY: DEBI HUYNH DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 5

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| SHEET |
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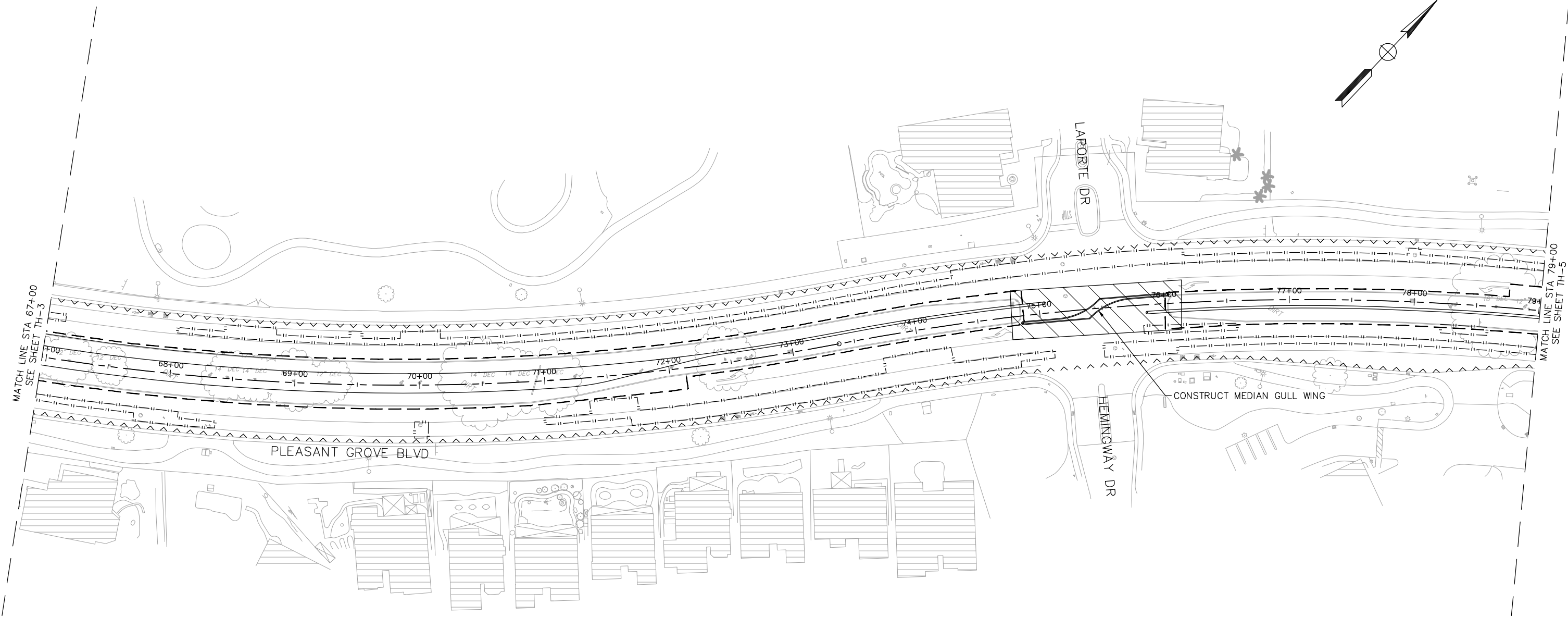
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Images: cropped\_COR\_black\_logo.tif\_PCB\_01.jpg\_PCB\_02.jpg\_PCB\_03.jpg\_PCB\_04.jpg\_PCB\_05.jpg



STAGE 5 - LEGEND:

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LIMITS OF HMA OVERLAY
- WORK AREA THIS STAGE
- NIGHT CLOSURE WORK AREA  
THIS STAGE
- DIGOUT LOCATIONS



100% SUBMITTAL TH-17

| REVISIONS |             |      |    |
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BENCH MARK ELEV. 121.55'

THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58.

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | N/A    |

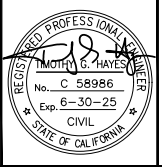


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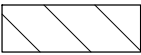


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 5

Xrefs: \_PCB\_Border\_22-34\_PCB\_X\_Topo\_Supplement\_PCB-EP011-4099\_signal\_PCB-Digouts  
Images: cropped\_Cor\_black\_logo.tif\_PCB\_01.jpg\_PCB\_02.jpg\_PCB\_03.jpg\_PCB\_04.jpg\_PCB\_05.jpg

STAGE 5 - LEGEND:

^ ^ ^ ^ ^ ^ ^ - LIMITS OF HMA OVERLAY



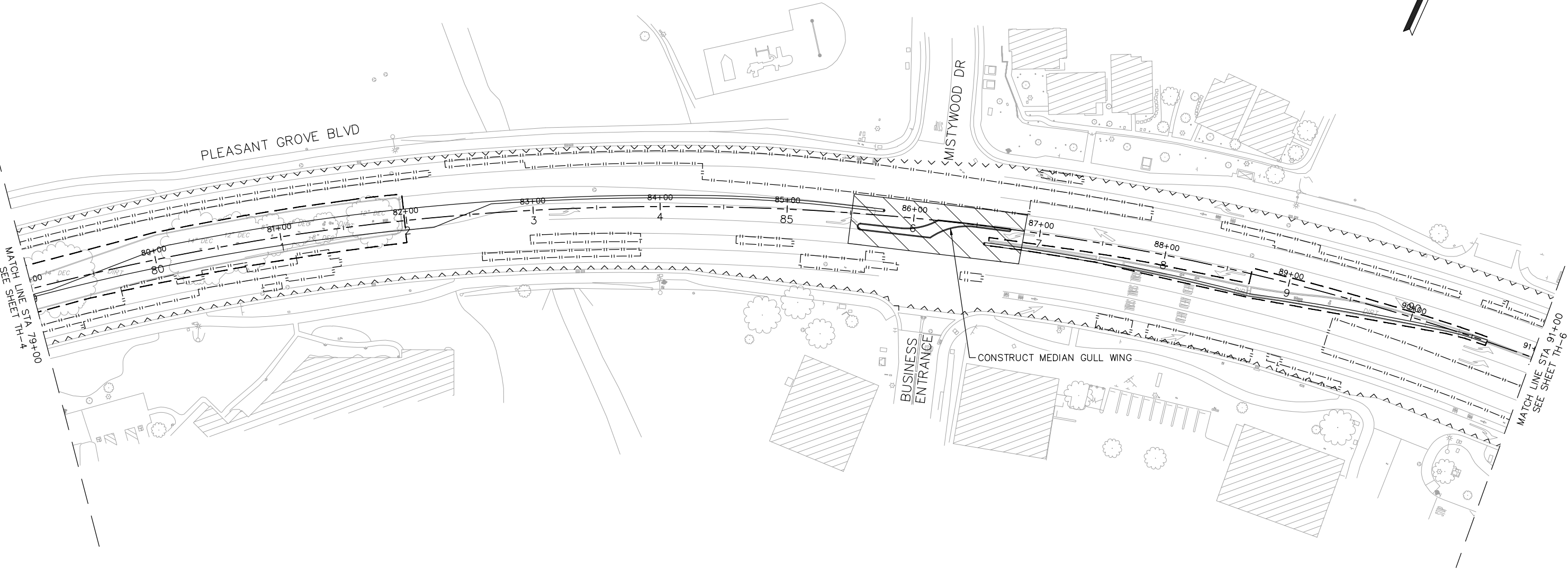
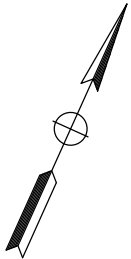
WORK AREA THIS STAGE



NIGHT CLOSURE WORK AREA THIS STAGE



DIGOUT LOCATIONS



100% SUBMITTAL

TH-18

| REVISIONS |             |      |    |
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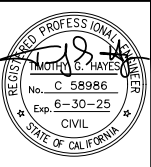
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| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | N/A    |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: TIM HAYES      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 5

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| SHEET |
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| OF    |
| 99    |

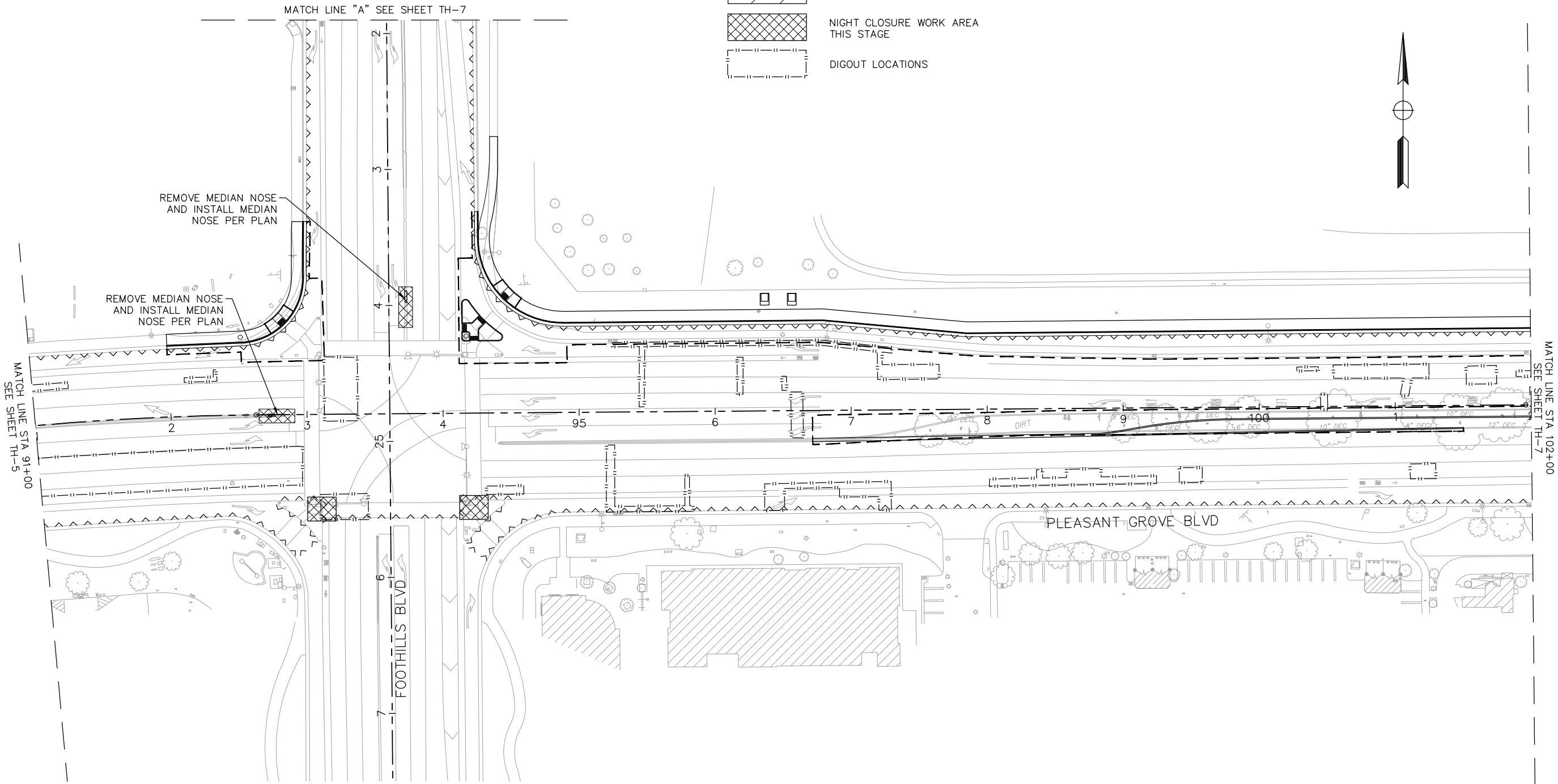
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Images: cropped\_Cor\_black\_logo.tif\_PCB\_01.jpg\_PCB\_02.jpg\_PCB\_03.jpg\_PCB\_04.jpg\_PCB\_05.jpg



STAGE 5 - LEGEND:

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LIMITS OF HMA OVERLAY
- WORK AREA THIS STAGE
- NIGHT CLOSURE WORK AREA THIS STAGE
- DIGOUT LOCATIONS



100% SUBMITTAL

TH-19

| REVISIONS |             |      |    |
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|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | N/A    |



**PSOMAS**

1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

DESIGNED BY: CHRIS BRAZIL

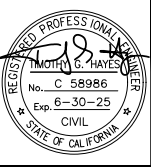
DATE: 06/2023

CHECKED BY: TIM HAYES

DATE: 06/2023

DRAWN BY: DEBI HUYNH

DATE: 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 5

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| SHEET |
| 59    |
| OF    |
| 99    |

Xrefs: \_PCB\_Border\_22x34\_PCB\_X\_Topo\_Supplement\_PCB-EP011-4099\_signal\_PCB-Digouts  
Images: cropped\_Cor\_black\_logo.tif\_PCB\_01.jpg\_PCB\_02.jpg\_PCB\_03.jpg\_PCB\_04.jpg\_PCB\_05.jpg

STAGE 5 - LEGEND:

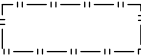
^ ^ ^ ^ ^ ^ ^ ^ - LIMITS OF HMA OVERLAY



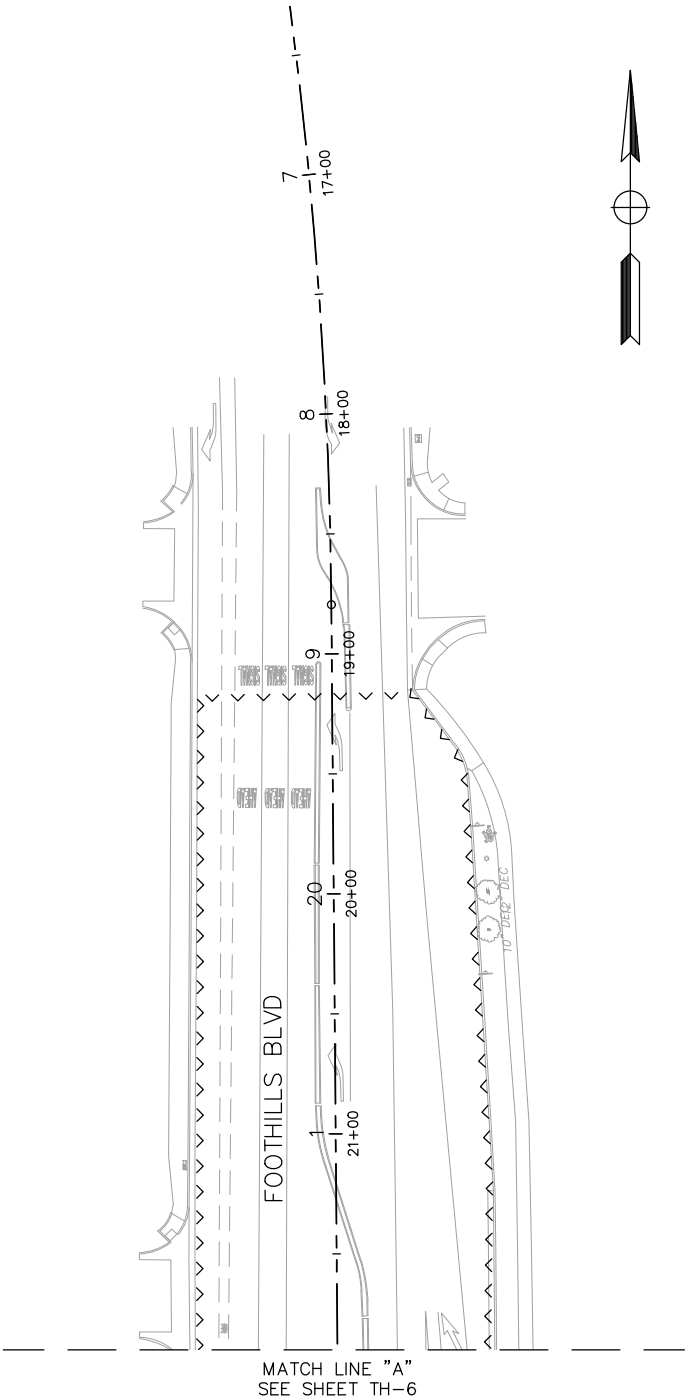
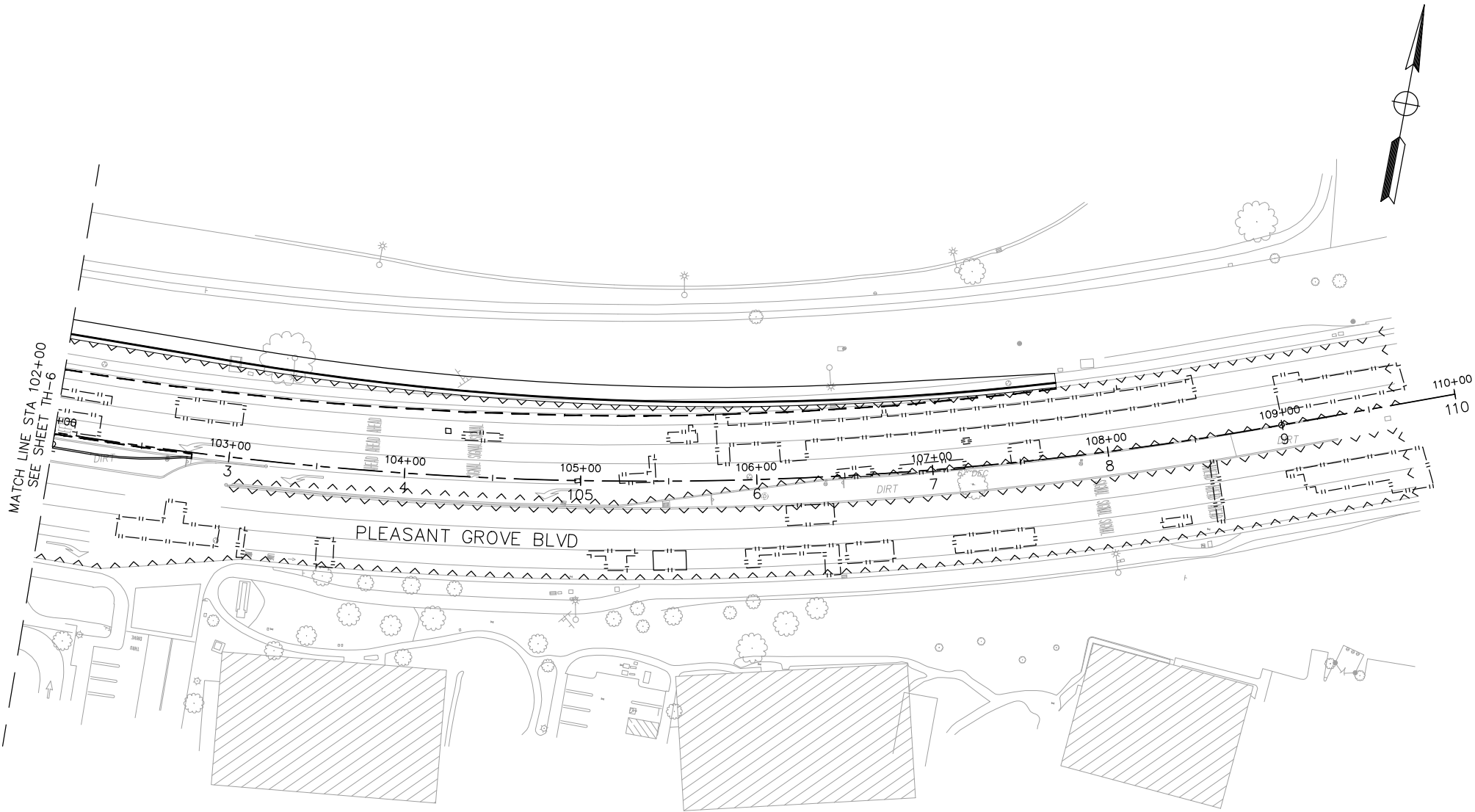
WORK AREA THIS STAGE



NIGHT CLOSURE WORK AREA  
THIS STAGE



DIGOUT LOCATIONS



100% SUBMITTAL

TH-20

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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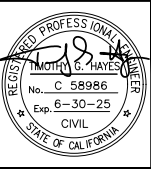
|                                                                                                                                   |  |               |
|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------|
| BENCH MARK                                                                                                                        |  | ELEV. 121.55' |
| THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |               |

|        |        |
|--------|--------|
| SCALE  |        |
| HORIZ. | 1"=40' |
| VERT.  | N/A    |



**PSOMAS**  
1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122

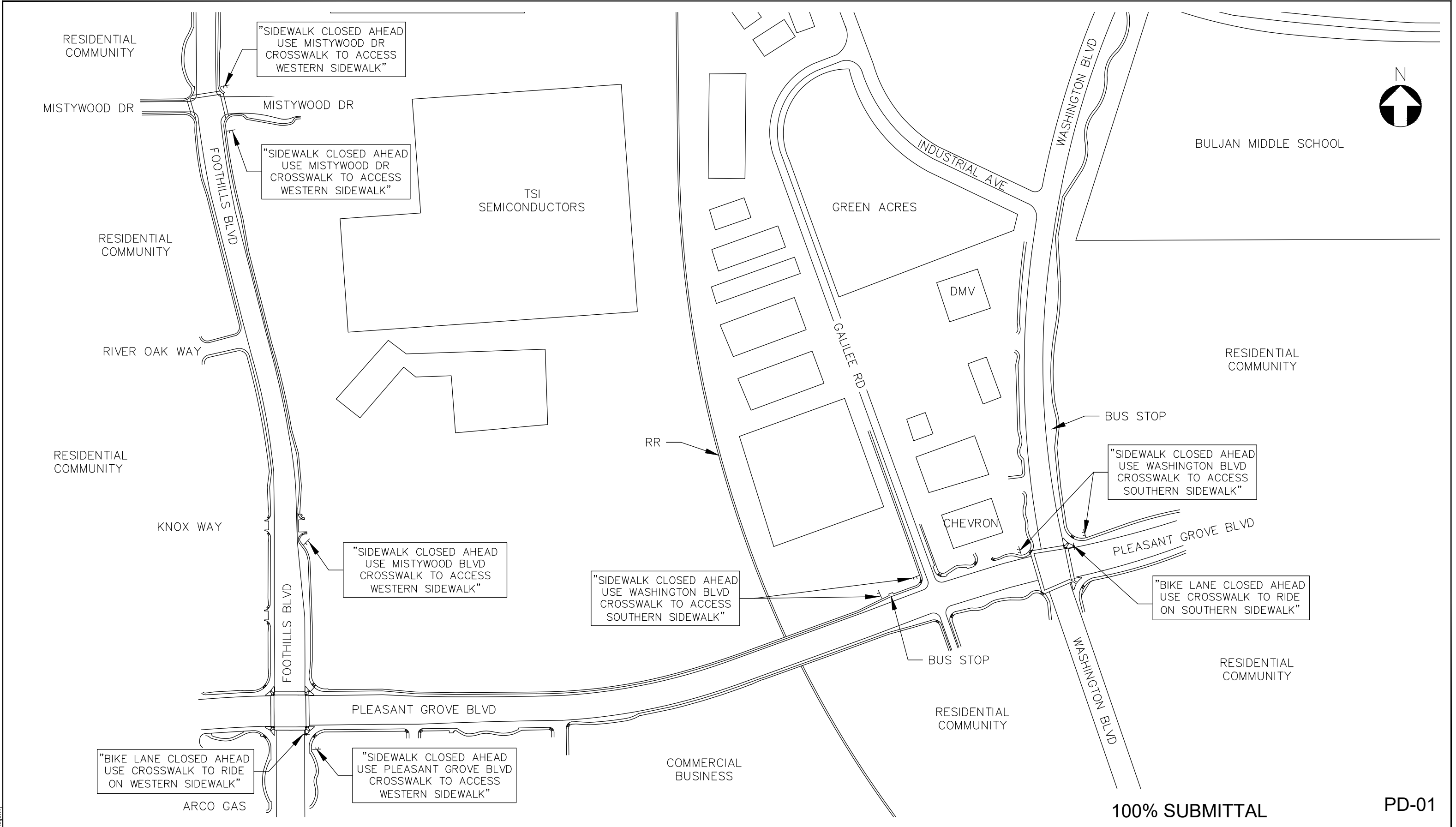
DESIGNED BY: CHRIS BRAZIL      DATE 06/2023  
CHECKED BY: TIM HAYES      DATE 06/2023  
DRAWN BY: DEBI HUYNH      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC HANDLING - STAGE 5

|       |
|-------|
| SHEET |
| 60    |
| OF    |
| 99    |

Xrefs: \_PCB\_Border\_22-34.PCB\_X\_Topo\_Supplement.PCB-rd011-4099\_signal.PCB-Digouts  
Images: cropped COR\_black\_logo.tif|PCB\_01.jpg|PCB\_02.jpg|PCB\_03.jpg|PCB\_04.jpg|PCB\_05.jpg



100% SUBMITTAL PD-01

|                  |             |      |    |                                                                                                                                   |  |                                                                                       |                                                                                       |                                                                                       |                                                                                           |                         |                             |
|------------------|-------------|------|----|-----------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------|-----------------------------|
| <b>REVISIONS</b> |             |      |    | <b>BENCH MARK</b> ELEV. 121.55'                                                                                                   |  |  | <b>PSOMAS</b><br>1410 Rocky Ridge Drive, Suite 300 Roseville, CA 95661 (916) 788-8122 |  | <b>PLEASANT GROVE BOULEVARD<br/>WIDENING PROJECT<br/>PEDESTRIAN DETOUR PLAN - STAGE 2</b> | SHEET<br>61<br>OF<br>99 |                             |
| NO.              | DESCRIPTION | DATE | BY | THE VERTICAL DATUM OF THIS MAPPING IS NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) BASED ON THE CITY OF ROSEVILLE BENCHMARK 58. |  |                                                                                       |                                                                                       |                                                                                       |                                                                                           |                         | SCALE                       |
|                  |             |      |    |                                                                                                                                   |  |                                                                                       |                                                                                       |                                                                                       |                                                                                           |                         | HORIZ. 1"=150'<br>VERT. N/A |

DESIGNED BY: CHRIS BRAZIL  
CHECKED BY: TIM HAYES  
DRAWN BY: DEBI HUYNH

DATE 06/2023  
DATE 06/2023  
DATE 06/2023

TREE INVENTORY

| #  | Botanical Name           | Common Name       | DBH | Remove |
|----|--------------------------|-------------------|-----|--------|
| 1  | <i>Quercus lobata</i>    | Valley Oak        | 12" | X      |
| 2  | <i>Quercus douglasii</i> | Blue Oak          | 28" | X      |
| 3  | <i>Quercus wislizeni</i> | Interior Live Oak | 4"  |        |
| 4  | <i>Quercus wislizeni</i> | Interior Live Oak | 4"  |        |
| 5  | <i>Quercus wislizeni</i> | Interior Live Oak | 8"  |        |
| 6  | <i>Quercus wislizeni</i> | Interior Live Oak | 8"  |        |
| 7  | <i>Quercus douglasii</i> | Blue Oak          | 38" | X      |
| 8  | <i>Quercus lobata</i>    | Valley Oak        | 8"  |        |
| 9  | <i>Quercus lobata</i>    | Valley Oak        | 10" | X      |
| 10 | <i>Quercus lobata</i>    | Valley Oak        | 8"  |        |
| 11 | <i>Quercus lobata</i>    | Valley Oak        | 4"  |        |
| 12 | <i>Quercus wislizeni</i> | Interior Live Oak | 6"  |        |
| 13 | <i>Quercus lobata</i>    | Valley Oak        | 12" |        |
| 14 | <i>Quercus lobata</i>    | Valley Oak        | 12" |        |
| 15 | <i>Quercus lobata</i>    | Valley Oak        | 14" |        |
| 16 | <i>Quercus lobata</i>    | Valley Oak        | 14" | X      |
| 17 | <i>Quercus lobata</i>    | Valley Oak        | 8"  | X      |
| 18 | <i>Prunus cerasifera</i> | Flowering Plum    | 8"  |        |
| 19 | <i>Prunus cerasifera</i> | Flowering Plum    | 6"  |        |
| 20 | <i>Prunus cerasifera</i> | Flowering Plum    | 2"  |        |
| 21 | <i>Prunus cerasifera</i> | Flowering Plum    | 12" |        |
| 22 | <i>Prunus cerasifera</i> | Flowering Plum    | 12" | X      |
| 23 | <i>Quercus lobata</i>    | Valley Oak        | 8"  | X      |
| 24 | <i>Quercus wislizeni</i> | Interior Live Oak | 4"  | X      |
| 25 | <i>Quercus lobata</i>    | Valley Oak        | 6"  | X      |
| 26 | <i>Quercus lobata</i>    | Valley Oak        | 12" | X      |
| 27 | <i>Quercus lobata</i>    | Valley Oak        | 12" | X      |
| 28 | <i>Quercus wislizeni</i> | Interior Live Oak | 6"  | X      |
| 29 | <i>Quercus wislizeni</i> | Interior Live Oak | 4"  | X      |
| 30 | <i>Quercus lobata</i>    | Valley Oak        | 8"  | X      |
| 31 | <i>Quercus lobata</i>    | Valley Oak        | 10" | X      |
| 32 | <i>Quercus lobata</i>    | Valley Oak        | 10" | X      |
| 33 | <i>Quercus wislizeni</i> | Interior Live Oak | 12" | X      |
| 34 | <i>Quercus lobata</i>    | Valley Oak        | 12" | X      |
| 35 | <i>Quercus lobata</i>    | Valley Oak        | 14" | X      |
| 36 | <i>Quercus lobata</i>    | Valley Oak        | 10" | X      |
| 37 | <i>Quercus lobata</i>    | Valley Oak        | 14" | X      |
| 38 | <i>Quercus lobata</i>    | Valley Oak        | 12" | X      |
| 39 | <i>Quercus lobata</i>    | Valley Oak        | 14" | X      |
| 40 | <i>Quercus wislizeni</i> | Interior Live Oak | 4"  |        |
| 41 | <i>Quercus lobata</i>    | Valley Oak        | 14" | X      |
| 42 | <i>Quercus lobata</i>    | Valley Oak        | 16" | X      |
| 43 | <i>Quercus lobata</i>    | Valley Oak        | 6"  | X      |
| 44 | <i>Quercus lobata</i>    | Valley Oak        | 10" | X      |
| 45 | <i>Quercus lobata</i>    | Valley Oak        | 12" | X      |
| 46 | <i>Quercus lobata</i>    | Valley Oak        | 10" | X      |
| 47 | <i>Prunus cerasifera</i> | Flowering Plum    | 6"  | X      |
| 48 | <i>Prunus cerasifera</i> | Flowering Plum    | 6"  | X      |
| 49 | <i>Prunus cerasifera</i> | Flowering Plum    | 6"  | X      |
| 50 | <i>Prunus cerasifera</i> | Flowering Plum    | 10" | X      |
| 51 | <i>Quercus lobata</i>    | Valley Oak        | 6"  | X      |
| 52 | <i>Quercus lobata</i>    | Valley Oak        | 6"  | X      |
| 53 | <i>Quercus wislizeni</i> | Interior Live Oak | 6"  | X      |
| 54 | <i>Quercus lobata</i>    | Valley Oak        | 6"  | X      |
| 55 | <i>Quercus lobata</i>    | Valley Oak        | 6"  | X      |
| 56 | <i>Quercus lobata</i>    | Valley Oak        | 6"  | X      |
| 57 | <i>Quercus wislizeni</i> | Interior Live Oak | 10" | X      |
| 58 | <i>Quercus lobata</i>    | Valley Oak        | 6"  | X      |
| 59 | <i>Quercus lobata</i>    | Valley Oak        | 8"  | X      |
| 60 | <i>Quercus lobata</i>    | Valley Oak        | 10" | X      |
| 64 | <i>Pyrus calleryana</i>  | Flowering Pear    | 12" | X      |

TREE DISPOSITION LEGEND


 (E) TREE TO BE REMOVED, SEE SPECS FOR REMOVAL REQUIREMENTS


 EXISTING TREE TO REMAIN, PROTECT IN PLACE


 (E) TREE DRIPLINE/PROTECTED ROOT ZONE (PRZ)


 ROOT PRUNING LIMITS (PRUNE TO INSIDE EDGE OF NEW CURBILINE)


 TREE PROTECTION FENCE

TREE PROTECTION NOTES

- ALL WORK PERFORMED WITHIN THE PUBLIC-RIGHT-OF-WAYS SHALL COMPLY WITH ALL APPLICABLE CITY REQUIREMENTS AND SPECIFICATIONS.
- EXISTING PLANTS NOT INDICATED ON THE PLAN AS BEING REMOVED SHALL BE PRESERVED THROUGHOUT CONSTRUCTION. THE PARKING OR MOVEMENT OF CONSTRUCTION VEHICLES AND EQUIPMENT, THE STORAGE OR STOCKPILING OF PRODUCTS AND MATERIALS, AND ALL OTHER CONSTRUCTION-RELATED ACTIVITIES SHALL BE FULLY RESTRICTED AT ALL TIMES FROM WITHIN THE DRIP LINE OF EXISTING TREES.
- THE EXISTING TREE ROOTS AT EVERY TREE ARE IMMEDIATELY UNDER THE EXISTING CURBS AND PAVEMENT. EXTREME CARE SHALL BE GIVEN WHEN REMOVING CURBS AND PAVEMENT SO AS NOT TO DAMAGE EXISTING ROOTS. THE CONTRACTOR SHALL BE LIABLE FOR ALL DAMAGE AND DISTURBANCE TO EXISTING TREES AND SHRUBS NOT OTHERWISE DESIGNATED FOR REMOVAL. REPLACEMENT OF DAMAGED PLANTS SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
- UPON REMOVAL OF PAVEMENT, THE EXPOSED TREE ROOTS SHALL BE INSPECTED BY THE LANDSCAPE ARCHITECT AND THE CITY'S CONSULTING ARBORIST PRIOR TO EXCAVATION OR ROOT TREATMENT PROCEDURES.
- PROJECT ARBORIST WILL PERFORM REQUIRED INSPECTIONS, ROOT PRUNING, ASSESSMENTS, APPRAISALS, REPORTS, AND RECOMMENDATIONS AS NECESSARY.
- ANY EXCAVATION, INCLUDING TRENCHING OPERATIONS, WITHIN DRIP LINE OF TREES, SHALL BE LIMITED TO 12" DEPTH MAXIMUM, EXCEPT MAINLINES, WHICH SHALL BE LIMITED TO 18". NO EXCAVATION OF ANY KIND IS ALLOWED WITHIN 6 FEET OF THE ROOT CROWN. ALL TRENCHING OR PIPING SHALL BE LOCATED AS FAR FROM BASE OF EXISTING TREES AS POSSIBLE.
- CONTRACTOR SHALL PROVIDE ADEQUATE SUPPLEMENTAL WATER TO ALL TREES AND SHRUBS WHILE IRRIGATION IS UNAVAILABLE AS RECOMMENDED BY THE PROJECT ARBORIST.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN TREE'S HEALTH. REMOVAL AND REPLACEMENT OF DEAD TREES, AS DETERMINED BY THE PROJECT ARBORIST, WILL BE PAID FOR AT THE CONTRACTOR'S EXPENSE.
- IF ANY OF THE ABOVE IS VIOLATED DURING CONSTRUCTION THEN THE CITY'S REPRESENTATIVE, LANDSCAPE ARCHITECT OR PROJECT ARBORIST CAN ISSUE A STOP WORKING ORDER UNTIL THE WORK HAS BEEN RECTIFIED.

ROOT PRUNING NOTES

- ROOT PROTECTION ZONE:** THE DIMENSIONS OF THE ROOT PROTECTION ZONE ARE DETERMINED BY MEASURING THE DIAMETER OF THE TRUNK AND APPLYING ONE FOOT OF LAND AREA FOR EVERY 1 INCH OF TRUNK DIAMETER. (FOR TREE DIAMETER SEE TREE INVENTORY CHART COLUMN DBH)
- ROOT PRUNING:** WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE ALL POSSIBLE CARE TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATION IN AREAS WHERE 2" AND LARGER ROOTS ARE ENCOUNTERED PRUNING SHALL BE DONE BY HAND DIGGING, OR BY HYDRAULIC AIR SPADE, AND THEN CUT CLEANLY PER ARBORIST REPORT. TRENCHES ADJACENT TO TREE SHOULD BE CLOSED WITHIN 24 HOURS. WHERE THIS IS NOT POSSIBLE, THE SIDE OF THE TRENCH ADJACENT TO THE TREE SHALL BE KEPT COVERED WITH BURLAP AND KEPT MOIST.
- WHEN TREE ROOTS 1" AND LARGER ARE ENCOUNTERED, THEY MUST BE INSPECTED BY THE PROJECT ARBORIST WHO WILL MAKE RECOMMENDATIONS ON PROTECTION AND TREATMENT.
- ALL TRENCHES IN THE ROOT PROTECTION ZONE SHALL BE ROUTED RADIALLY TOWARDS THE TREE TO MINIMIZE ROOT DAMAGE. CUTTING OF ROOTS SHOULD BE AVOIDED. ROUTE TRENCHES AROUND THE OUTSIDE OF THE ROOT ZONE UTILIZE JOINT TRENCHES WHEN POSSIBLE. SEE IRRIGATION PLANS.

GENERAL NOTES

- ALL LANDSCAPE IMPROVEMENTS INCLUDING TREE PROTECTION, IRRIGATION AND PLANTING, SHALL COMPLY WITH CITY OF ROSEVILLE PARKS & RECREATION CONSTRUCTION STANDARDS, LATEST EDITION.
- CONTACT USA ALERT (800) 422-4133 AT LEAST 48 HOURS PRIOR TO START OF WORK.
- A PRE-CONSTRUCTION MEETING WITH CITY OF ROSEVILLE PARKS & RECREATION DEPARTMENT MUST BE SCHEDULED PRIOR TO CONSTRUCTION COMMENCEMENT OF ANY IRRIGATION AND/OR LANDSCAPING.
- PRIOR TO PERMIT ISSUANCE MITIGATION FEES FOR THE REMOVAL OF OAK TREE SHALL BE PAID TO THE PLANNING DIVISION.

| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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| BENCH MARK                                                                                                                                      | ELEV. SEE NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |                 |

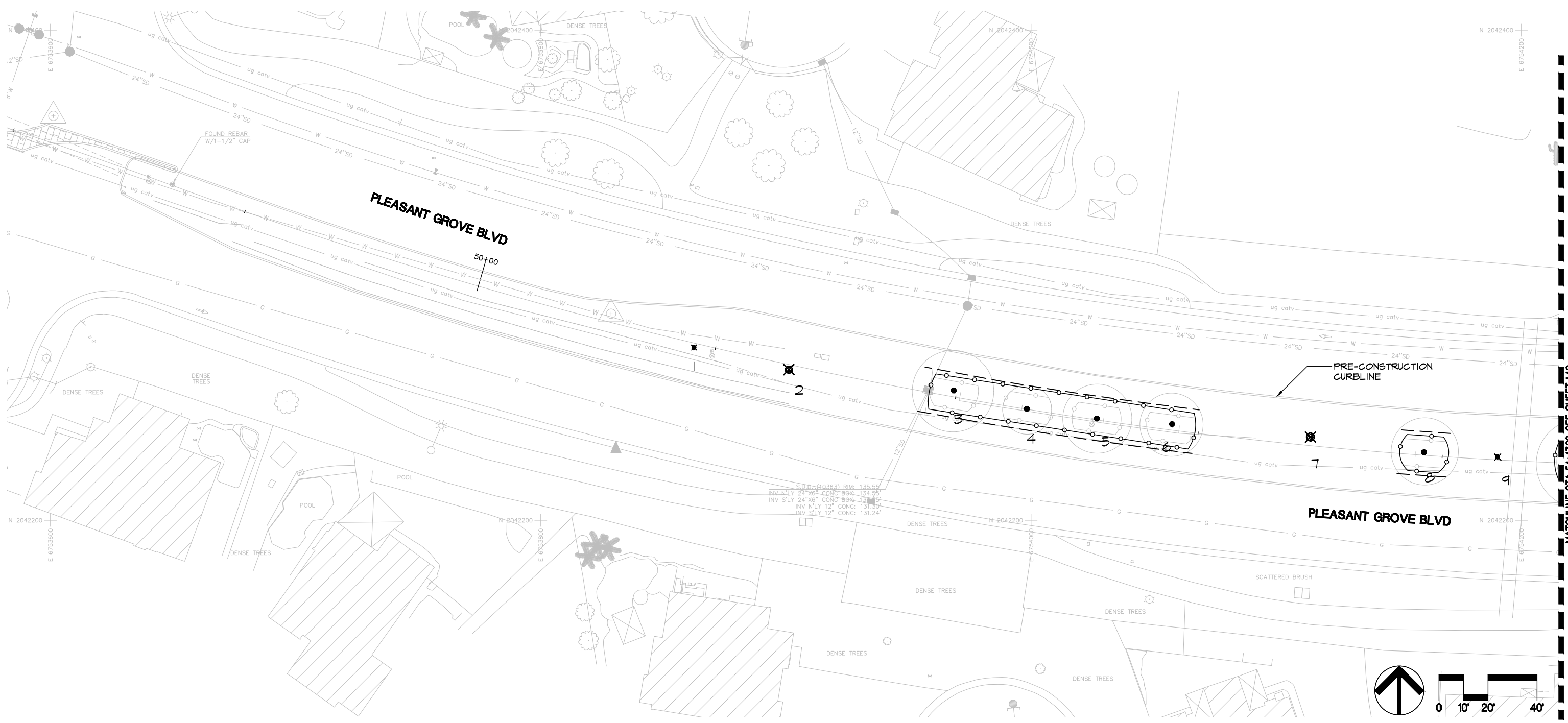
| FIELD BOOK   |
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| SCALE        |
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| VERT. _____  |



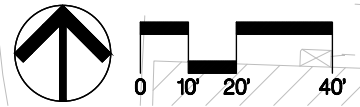
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|--|
| <div>  <div>           CALLANDER ASSOCIATES<br/>           12150 Tributary Point Drive, Suite 140, Gold River, CA 95670<br/>           T 916.985.4366<br/>           www.callanderassociates.com         </div> </div> |      |         |  |
| DESIGNED BY: AMANDA HOLTMAN                                                                                                                                                                                                                                                                                 | DATE | 06/2023 |  |
| CHECKED BY: MELISSA RUTH                                                                                                                                                                                                                                                                                    | DATE | 06/2023 |  |
| DRAWN BY: BELINDA SETILFF                                                                                                                                                                                                                                                                                   | DATE | 06/2023 |  |



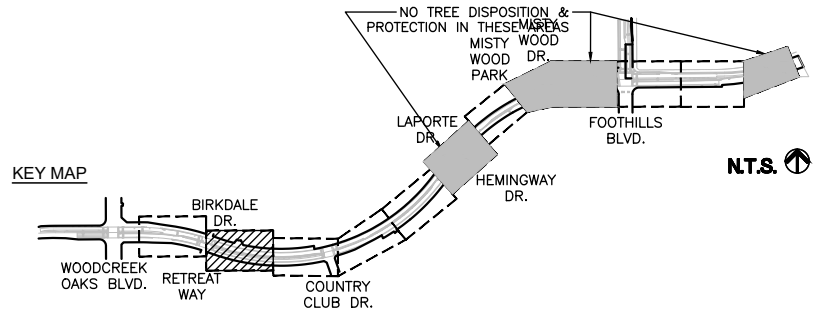
PLEASANT GROVE BOULEVARD  
 WIDENING PROJECT  
 L1.0 - TREE PROTECTION LEGEND & NOTES



MATCHLINE STA 54+47.00, SEE SHEET L12



SEE COVER SHEET FOR EXISTING CONDITIONS LEGEND  
FOR TREE PROTECTION LEGEND AND NOTES  
SEE SHEET L10



| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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**BENCH MARK** ELEV. SEE NOTES

THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET.

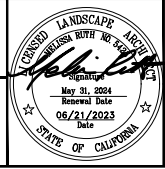
**FIELD BOOK**

SCALE  
HORIZ. \_\_\_\_\_  
VERT. \_\_\_\_\_

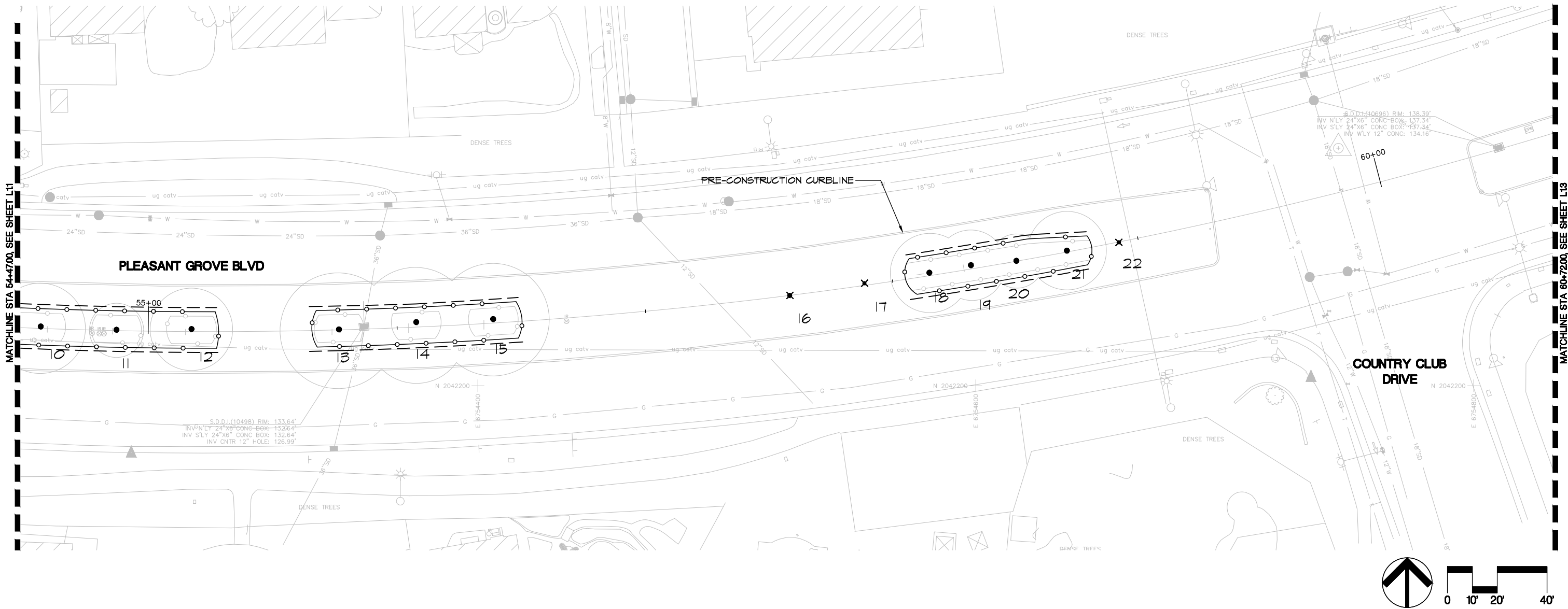


**CALLANDER ASSOCIATES**  
12150 Tributary Point Drive, Suite 140, Gold River, CA 95670  
T 916.985.4366  
www.callanderassociates.com

DESIGNED BY: AMANDA HOLTMAN DATE 06/2023  
CHECKED BY: MELISSA RUTH DATE 06/2023  
DRAWN BY: BELINDA SETILFF DATE 06/2023



# PLEASANT GROVE BOULEVARD WIDENING PROJECT L1.1 - TREE PROTECTION PLAN



SEE COVER SHEET FOR EXISTING CONDTIONS LEGEND  
FOR TREE PROTECTION LEGEND AND NOTES  
SEE SHEET L1.0

| REVISIONS |             |      |    |
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| BENCH MARK                                                                                                                                      | ELEV. | SEE NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |           |

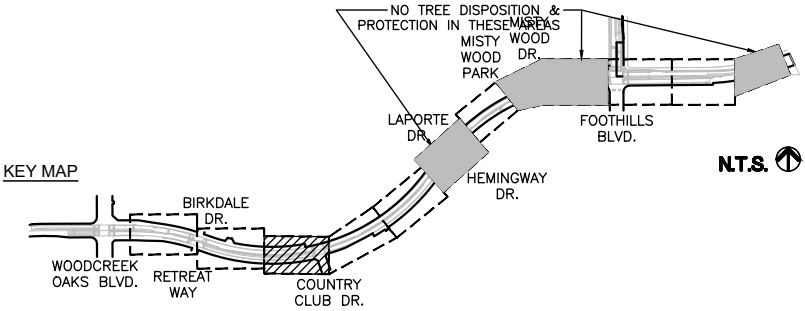
| FIELD BOOK   |
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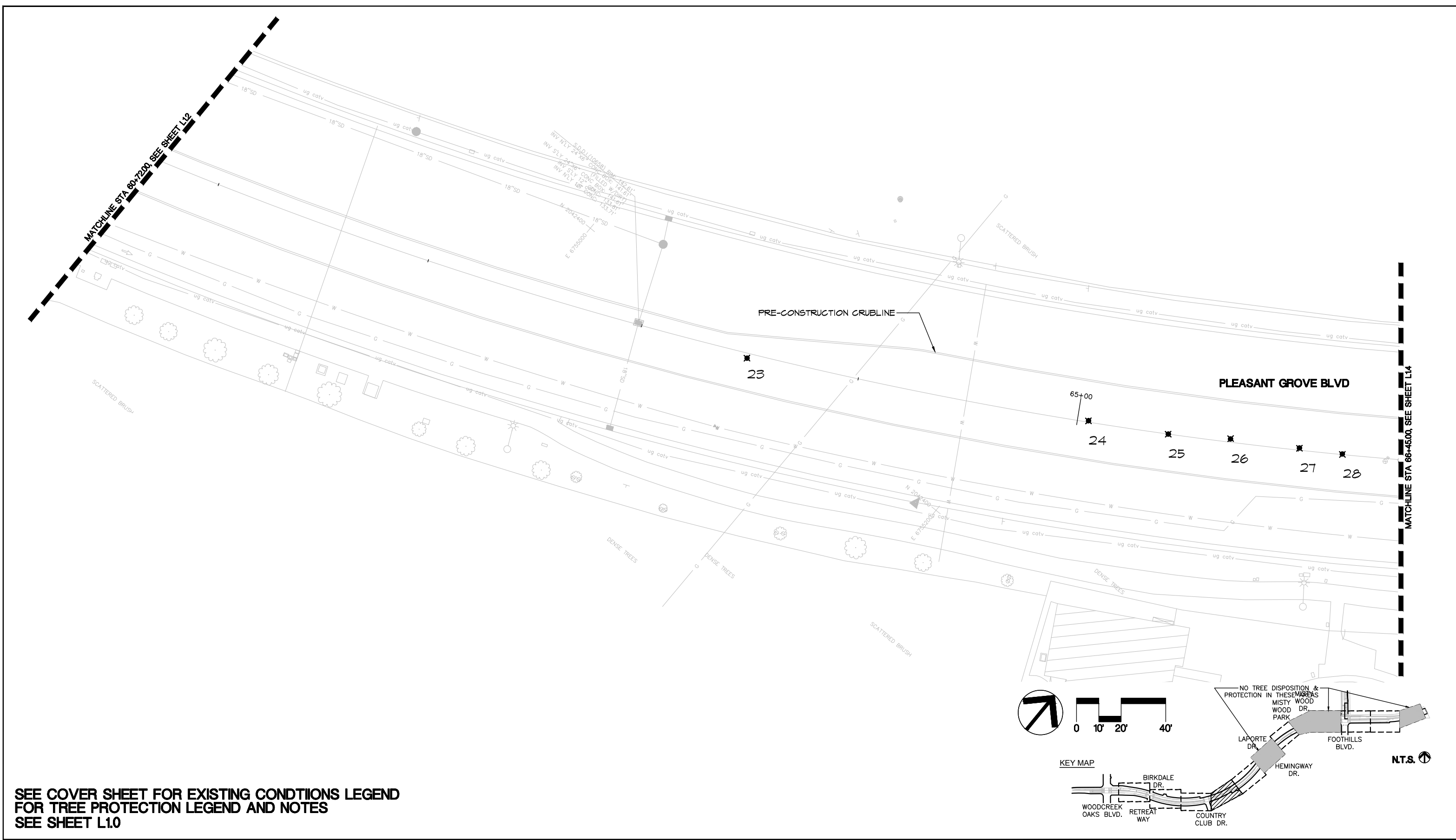
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| <b>CALLANDER ASSOCIATES</b><br>12150 Tributary Point Drive, Suite 140, Gold River, CA 95670<br>T 916.985.4366<br>www.callanderassociates.com |                     |
| DESIGNED BY: <u>AMANDA HOLTMAN</u>                                                                                                           | DATE <u>06/2023</u> |
| CHECKED BY: <u>MELISSA RUTH</u>                                                                                                              | DATE <u>06/2023</u> |
| DRAWN BY: <u>BELINDA SETILFF</u>                                                                                                             | DATE <u>06/2023</u> |



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L1.2 - TREE PROTECTION PLAN







SEE COVER SHEET FOR EXISTING CONDTIONS LEGEND  
FOR TREE PROTECTION LEGEND AND NOTES  
SEE SHEET L1.0

| REVISIONS |             |      |    |
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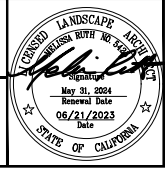
| BENCH MARK                                                                                                                                      | ELEV. | SEE NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |           |

| FIELD BOOK   |
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| SCALE        |
| HORIZ. _____ |
| VERT. _____  |



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T 916.985.4366  
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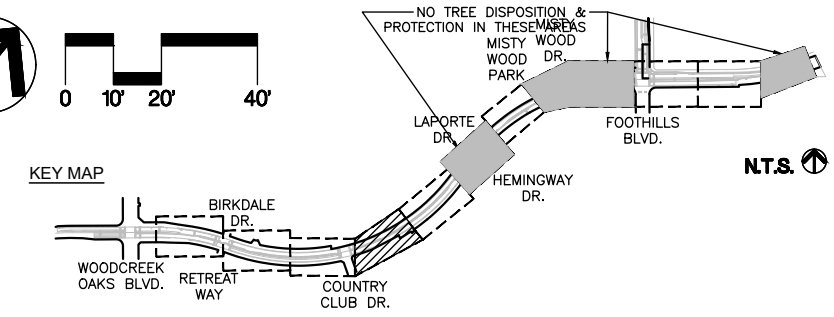
DESIGNED BY: AMANDA HOLTMAN      DATE 06/2023  
CHECKED BY: MELISSA RUTH      DATE 06/2023  
DRAWN BY: BELINDA SETILFF      DATE 06/2023



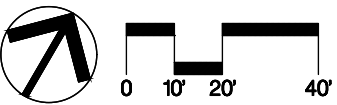
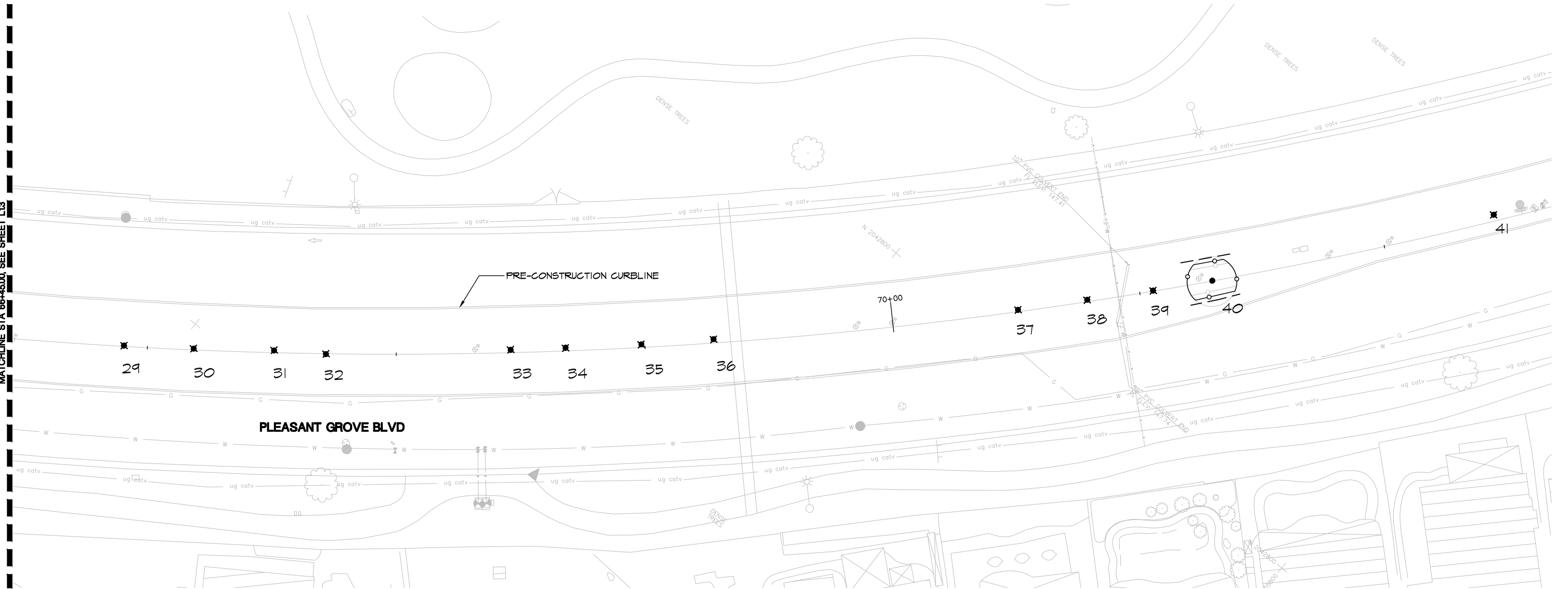
# PLEASANT GROVE BOULEVARD WIDENING PROJECT

## L1.3 - TREE PROTECTION PLAN

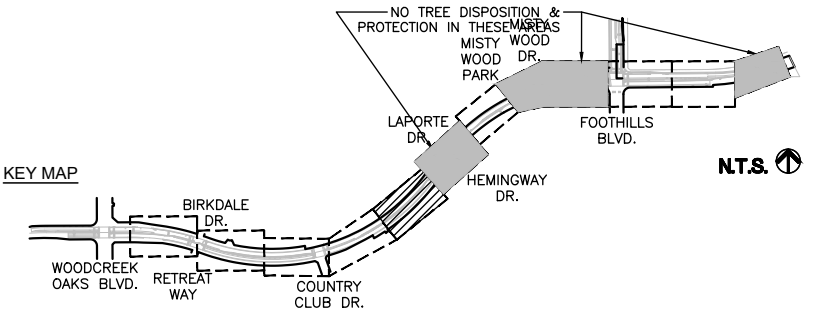
SHEET  
65  
OF  
99



MATCHLINE STA 68+45.00, SEE SHEET L13



SEE COVER SHEET FOR EXISTING CONDTIONS LEGEND  
FOR TREE PROTECTION LEGEND AND NOTES  
SEE SHEET L10



| REVISIONS |             |      |    |
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| BENCH MARK                                                                                                                                      | ELEV. | SEE NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |           |

| FIELD BOOK   |
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| SCALE        |
| HORIZ. _____ |
| VERT. _____  |

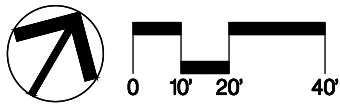
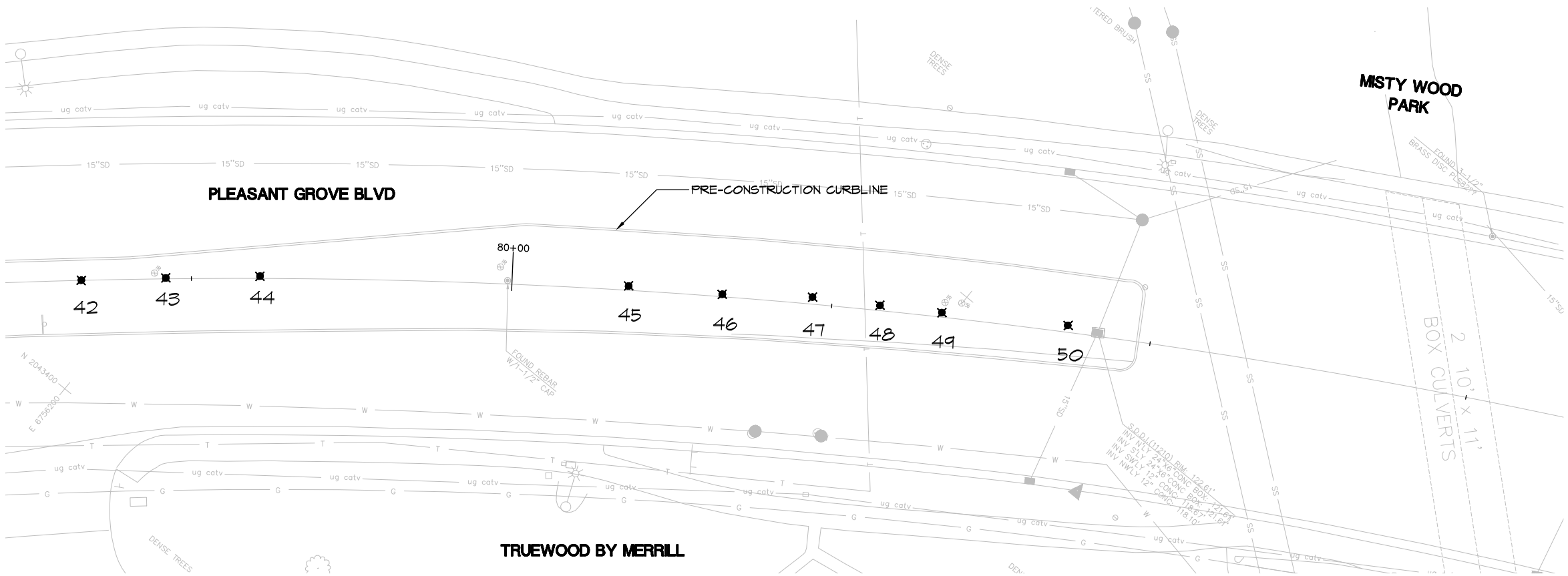


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|----------------------------------------------------------------------------------------------------------------------------------------------|---------------|--|--|
| <b>CALLANDER ASSOCIATES</b><br>12150 Tributary Point Drive, Suite 140, Gold River, CA 95670<br>T 916.985.4366<br>www.callanderassociates.com |               |  |  |
| DESIGNED BY: AMANDA HOLTMAN                                                                                                                  | DATE: 06/2023 |  |  |
| CHECKED BY: MELISSA RUTH                                                                                                                     | DATE: 06/2023 |  |  |
| DRAWN BY: BELINDA SETILFF                                                                                                                    | DATE: 06/2023 |  |  |

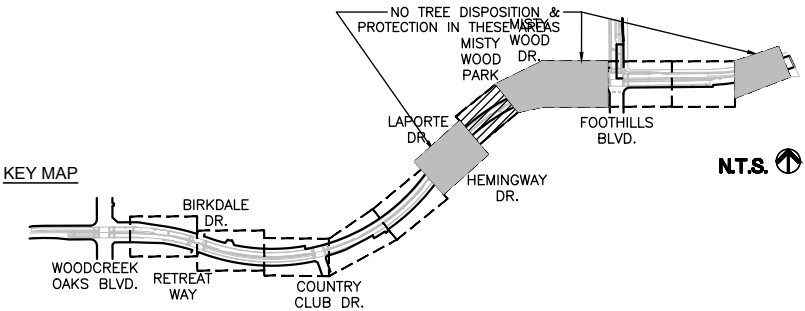


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L1.4 - TREE PROTECTION PLAN





SEE COVER SHEET FOR EXISTING CONDTIONS LEGEND  
FOR TREE PROTECTION LEGEND AND NOTES  
SEE SHEET L1.0



| REVISIONS |             |      |    |
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| BENCH MARK                                                                                                                                      | ELEV. | SEE. NOTES |
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| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |            |

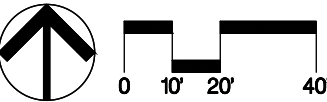
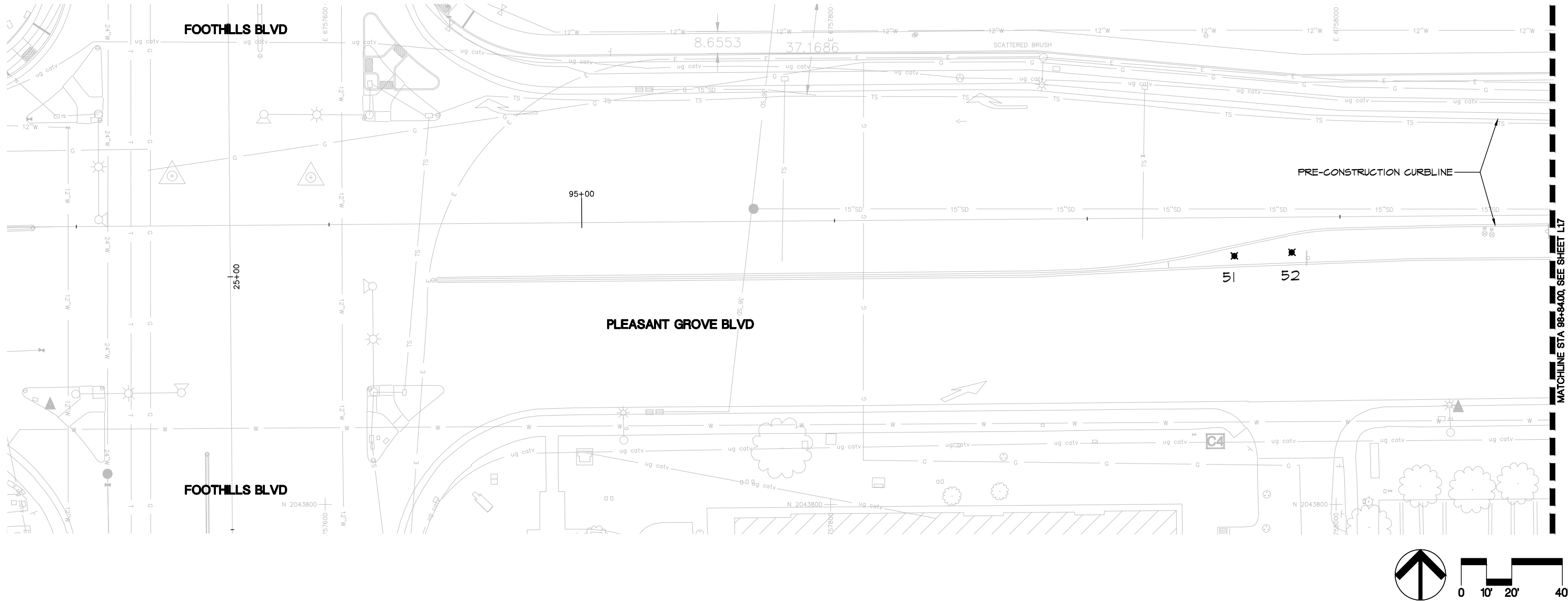
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| HORIZ. _____ |
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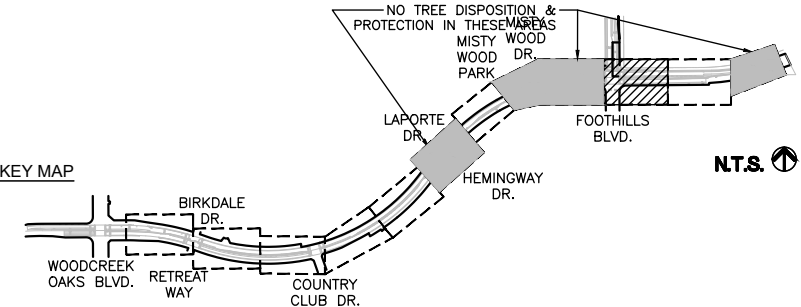
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| <b>CALLANDER ASSOCIATES</b><br>12150 Tributary Point Drive, Suite 140, Gold River, CA 95670<br>T 916.985.4366<br>www.callanderassociates.com |                 |      |         |
| DESIGNED BY:                                                                                                                                 | AMANDA HOLTMAN  | DATE | 06/2023 |
| CHECKED BY:                                                                                                                                  | MELISSA RUTH    | DATE | 06/2023 |
| DRAWN BY:                                                                                                                                    | BELINDA SETILFF | DATE | 06/2023 |



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L1.5 - TREE PROTECTION PLAN



SEE COVER SHEET FOR EXISTING CONDTIONS LEGEND  
FOR TREE PROTECTION LEGEND AND NOTES  
SEE SHEET L10



| REVISIONS |             |      |    |
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| BENCH MARK                                                                                                                                      | ELEV. | SEE NOTES |
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| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |           |

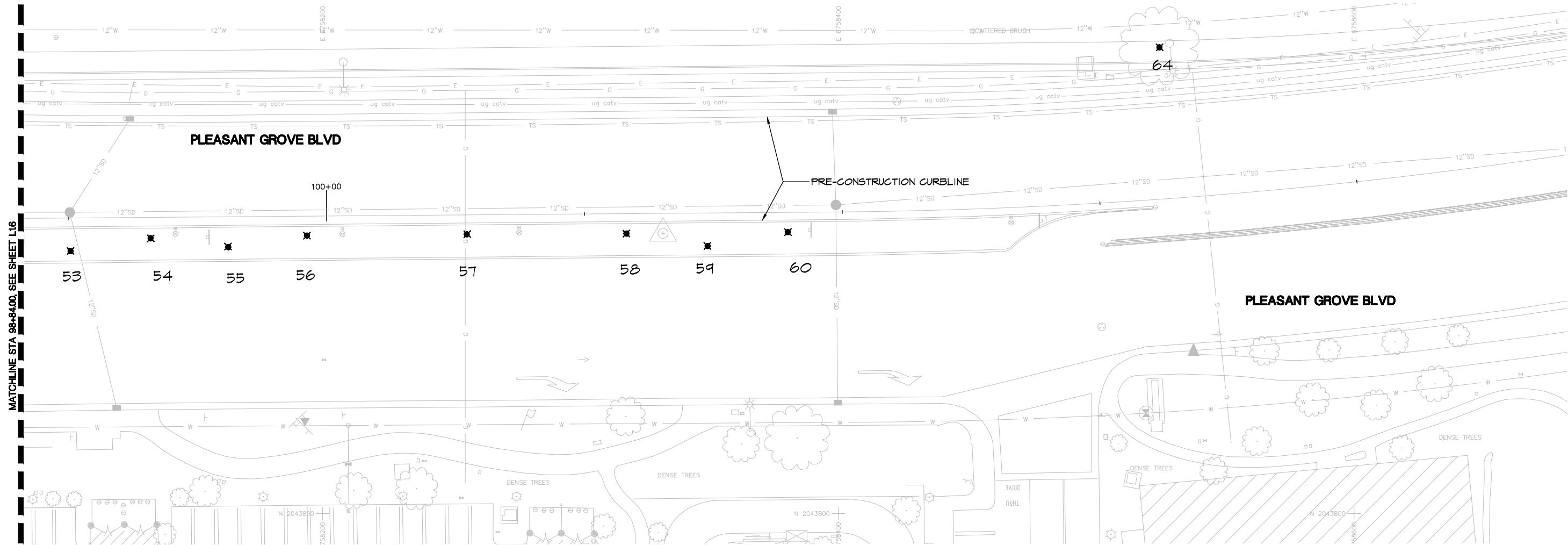
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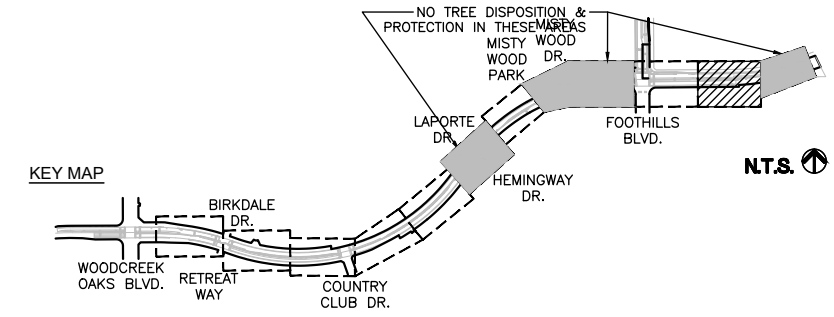
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| DESIGNED BY: AMANDA HOLTMAN                                                                                                                  | DATE | 06/2023 |  |
| CHECKED BY: MELISSA RUTH                                                                                                                     | DATE | 06/2023 |  |
| DRAWN BY: BELINDA SETILFF                                                                                                                    | DATE | 06/2023 |  |



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L1.6 - TREE PROTECTION PLAN



SEE COVER SHEET FOR EXISTING CONDTIONS LEGEND  
FOR TREE PROTECTION LEGEND AND NOTES  
SEE SHEET L1.0



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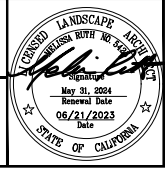
| BENCH MARK                                                                                                                                      | ELEV. | SEE NOTES |
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| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |           |

| FIELD BOOK   |
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| VERT. _____  |



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DESIGNED BY: AMANDA HOLTMAN      DATE 06/2023  
CHECKED BY: MELISSA RUTH      DATE 06/2023  
DRAWN BY: BELINDA SETILFF      DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L1.7 - TREE PROTECTION PLAN

SHEET  
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99

## IRRIGATION NOTES

1. **SPECIFICATIONS:** SEE IRRIGATION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. **VERIFICATION:** SYSTEM DESIGN IS BASED ON THE FOLLOWING PRESSURES AND FLOWS AVAILABLE AT EACH POINT OF CONNECTION:  
  
POINT OF CONNECTION #A: 65 PSI AND 36 G.P.M.  
POINT OF CONNECTION #B: 80 PSI AND 40 G.P.M.  
POINT OF CONNECTION #C: 80 PSI AND 33 G.P.M.  
  
CONTRACTOR SHALL VERIFY SAME AND NOTIFY LANDSCAPE ARCHITECT IF SUCH DATA ADVERSELY AFFECTS THE OPERATION OF THE SYSTEM. SUCH NOTICE SHALL BE MADE IN WRITING AND PRIOR TO COMMENCING ANY IRRIGATION WORK.
3. **UTILITIES:** CONTRACTOR SHALL VERIFY LOCATION OF ALL ON-SITE UTILITIES. RESTORATION OF DAMAGED UTILITIES SHALL BE MADE AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
4. **SCHEMATIC:** SYSTEM FEATURES ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY. INSTALL ALL PIPING AND VALVES IN COMMON TRENCHES WHERE FEASIBLE AND INSIDE PLANTING AREAS WHENEVER POSSIBLE. ALL VALVES SHALL BE LOCATED IN GROUND COVER OR SHRUB AREAS WHENEVER POSSIBLE.
5. **CODES:** IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND MANUFACTURER'S SPECIFICATIONS. NOTIFY LANDSCAPE ARCHITECT BY TELEPHONE AND IN WRITING OF ANY CONFLICTS PRIOR TO INSTALLATION.
6. **SLEEVING:** CONTRACTOR SHALL SIZE ALL SLEEVES TO BE A MINIMUM TWO TIMES THE SIZE OF THE INTERIOR PIPE. SLEEVES SHALL BE INSTALLED AT THE NECESSARY DEPTHS PRIOR TO PAVEMENT CONSTRUCTION. SLEEVING SHALL EXTEND 1'-0" FROM EDGE OF PAVEMENT INTO LAWN OR PLANTING AREA, AND SHALL HAVE ENDS CLEARLY MARKED ABOVE GRADE.
7. **QUICK COUPLING VALVES:** INSTALL ON TRIPLE SWING JOINT. LOCATE 12" AWAY FROM EDGE OF WALKS, WALLS, CURBS, AND HEADERBOARDS WITHIN PLANTING AREAS. PROVIDE OWNER WITH ONE OPERATING KEY, TWO SETS OF LOCKING COVER KEYS, AND ONE SWIVEL HOSE END.
8. **HEAD ALLOWANCE:** CONTRACTOR SHALL ALLOW IN BID PRICE AN AMOUNT SUFFICIENT TO PROVIDE AND INSTALL AN ADDITIONAL 5 HEADS OF EACH TYPE SPECIFIED ON PLAN TO ACCOMMODATE FIELD CHANGES. THESE HEADS SHALL BE LOCATED AS DIRECTED BY THE LANDSCAPE ARCHITECT. CONTRACTOR SHALL DELIVER TO THE OWNER ANY UN-USED ADDITIONAL HEADS AT THE END OF THE MAINTENANCE PERIOD.
9. **CONTROLLER:** CONTRACTOR SHALL PROVIDE EXISTING CONTROLLER SERIAL NUMBER AT TIME OF ORDER FOR CONTROLLER UPGRADE.
10. **CHECK VALVES:** INSTALL PLASTIC CHECK VALVE AT BASE OF HEADS ON LOW ENDS OF SYSTEMS AS REQUIRED TO MINIMIZE LINE DRAINAGE. CONTRACTOR SHALL ALLOW IN BID PRICE AN AMOUNT SUFFICIENT TO PROVIDE AND INSTALL AN ADDITIONAL 3 CHECK VALVES TO ACCOMMODATE ANY NECESSARY FIELD CHANGES.
11. **PRESSURE REDUCER:** TO BE PLACED UPSTREAM AND ADJACENT TO BACKFLOW DEVICE.
12. **MAINTAINING EXISTING IRRIGATION:** SHOULD THE EXISTING MAINLINE BREAK OR BE SHUT OFF FOR ANY REASON DURING THE COURSE OF CONSTRUCTION THE CONTRACTOR SHALL HAND WATER ALL TREES, SHRUBS, TURF, AND GROUND COVER THAT THE EXISTING IRRIGATION SYSTEM WATERS. THE CONTRACTOR SHALL CONTINUE TO DO SO UNTIL THE IRRIGATION SYSTEM IS OPERABLE.
13. **EXISTING IRRIGATION INFORMATION:** EXISTING IRRIGATION PLANS WERE MADE AVAILABLE TO THE LANDSCAPE ARCHITECT AND IS SHOWN ON THESE PLANS HALF TONE. LANDSCAPE ARCHITECT SHALL NOT BE HELD LIABLE FOR CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS ON THESE DOCUMENTS. THIS INFORMATION IS PROVIDED AS AN AID ONLY AND THE CONTRACTOR SHALL BE RESPONSIBLE VERIFYING IN THE FIELD. FOR REFERENCE, THE FOLLOWING RECORD DRAWINGS WERE PROVIDED: PLEASANT GROVE BOULEVARD MEDIANS, DATED 9/16/91, PLEASANT GROVE BOULEVARD LANDSCAPES DATED 1/9/96.
14. **IRRIGATION EQUIPMENT:** IN ADDITION TO EQUIPMENT SPECIFICALLY NOTED ON THE PLANS, REMOVAL OF ALL VISIBLE EXISTING IRRIGATION EQUIPMENT AND ANY BELOW-GRADE COMPONENTS THAT WOULD INTERFERE WITH THE WORK IN DURING TRENCHING AND/OR ROUGH GRADING. EXISTING QUICK COUPLER VALVES AND REMOTE CONTROL VALVES IN EXISTING MEDIANS TO BE REMOVED ARE TO BE RETURNED TO THE CITY.
15. **TRENCH AT EXISTING TREES AND SHRUBS:** CONTRACTOR SHALL TRENCH NEW IRRIGATION LINES AT BACK OF CURB AND RUN LATERAL LINES PERPENDICULAR TO TREE TO AVOID DAMAGING EXISTING TREE AND/OR SHRUB ROOTS. SEE SPECS FOR TREE PROTECTION REQUIREMENTS.
16. **MAINLINE FLUSH:** ALL MAINLINES SHALL BE FLUSHED PRIOR TO INSTALLATION OF DRIP.
17. **WIRE SPLICING:** ALL WIRE SPLICING SHALL BE DONE IN VALVE BOXES PER SPECS.
18. **PUBLIC RIGHT OF WAY:** ALL WORK PERFORMED WITHIN THE PUBLIC-RIGHT-OF-WAYS SHALL COMPLY WITH ALL APPLICABLE CITY REQUIREMENTS AND SPECIFICATIONS.
19. **OVERHEAD SPRAYS:** IN ACCORDANCE WITH CITY OF ROSEVILLE, OVERHEAD SPRAYS SHALL BE OFFSET 12" FROM BACK OF CURB TO ENSURE OPPOSING HEADS DO NOT THROW BEYOND PVIOUS SURFACE. NOT SUPERSEDES DIMENSIONS NOTED ON CITY STANDARD DETAIL PK-8 POP-UP-SPRAY.
20. **IRRIGATION CROSSINGS:** EXISTING CROSSOVERS SHOWN IN APPROXIMATE LOCATION BASED ON AS BUILT DRAWINGS. CONTRACTOR TO VERIFY IN FIELD.
21. **IRRIGATION MAINLINE LOCATION:** PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL LOCATE AND FLAG EXISTING MAINLINE LOCATION IN FIELD FOR REVIEW BY LANDSCAPE ARCHITECT AND CITY CONSTRUCTION MANAGER.
22. **DECODERS:** PROVIDE 2-WIRE DECODER (ADDRESSES) FOR EACH VALVE. LIMIT THE NUMBER OF DECODERS WHERE VALVES ARE GROUPED SO THAT IF THERE ARE 2 VALVES, THERE IS A 2-ADDRESS DECODER.
23. **SURGE PROTECTION:** 2-WIRE DECODER SYSTEMS MUST BE PROPERLY GROUNDED IN ORDER TO PROTECT AGAINST LIGHTNING SURGES. THE MINIMUM DISTANCE BETWEEN THE SURGE ARRESTOR AND THE GROUND ROD SHOULD BE 3'-0". PROVIDE A SPLIT BOLT CONNECTION TO BE USED TO CONNECT THE SURGE DEVICE TO THE GROUND WIRE WITH A DBR/Y WATERPROOF CONNECTOR. PROVIDE LINE SURGE PROTECTION A MINIMUM OF EVERY 500' AND/OR EVERY 8 VALVES, WHICHEVER COMES FIRST. FOR BIDDING PURPOSES, ASSUME 6 SURGE PROTECTORS/GROUND RODS. SEE DETAIL 4/L4.0
24. **ABANDONMENT OF SERVICES AND MAINS:** ALL WATER SERVICES UP TO AND INCLUDING 2", ON WATER MAINS THAT ARE TO REMAIN ACTIVE, ANNOTATE TO REMOVE THE CORPORATION STOP AND SADDLE AND INSTALL A FULL CIRCLE STAINLESS STEEL CLAMP ON THE MAIN UNDER CITY INSPECTION. MAINLINE STUBS SHALL HAVE THE VALVE REMOVED AND REPLACED WITH A BLIND FLANGE OR AS APPROVED BY THE ENVIRONMENTAL UTILITIES DEPARTMENT. THE ABANDONED PIPING SHALL BE REMOVED OR LEFT IN PLACE AS APPROVED BY ENVIRONMENTAL UTILITIES DIRECTOR.

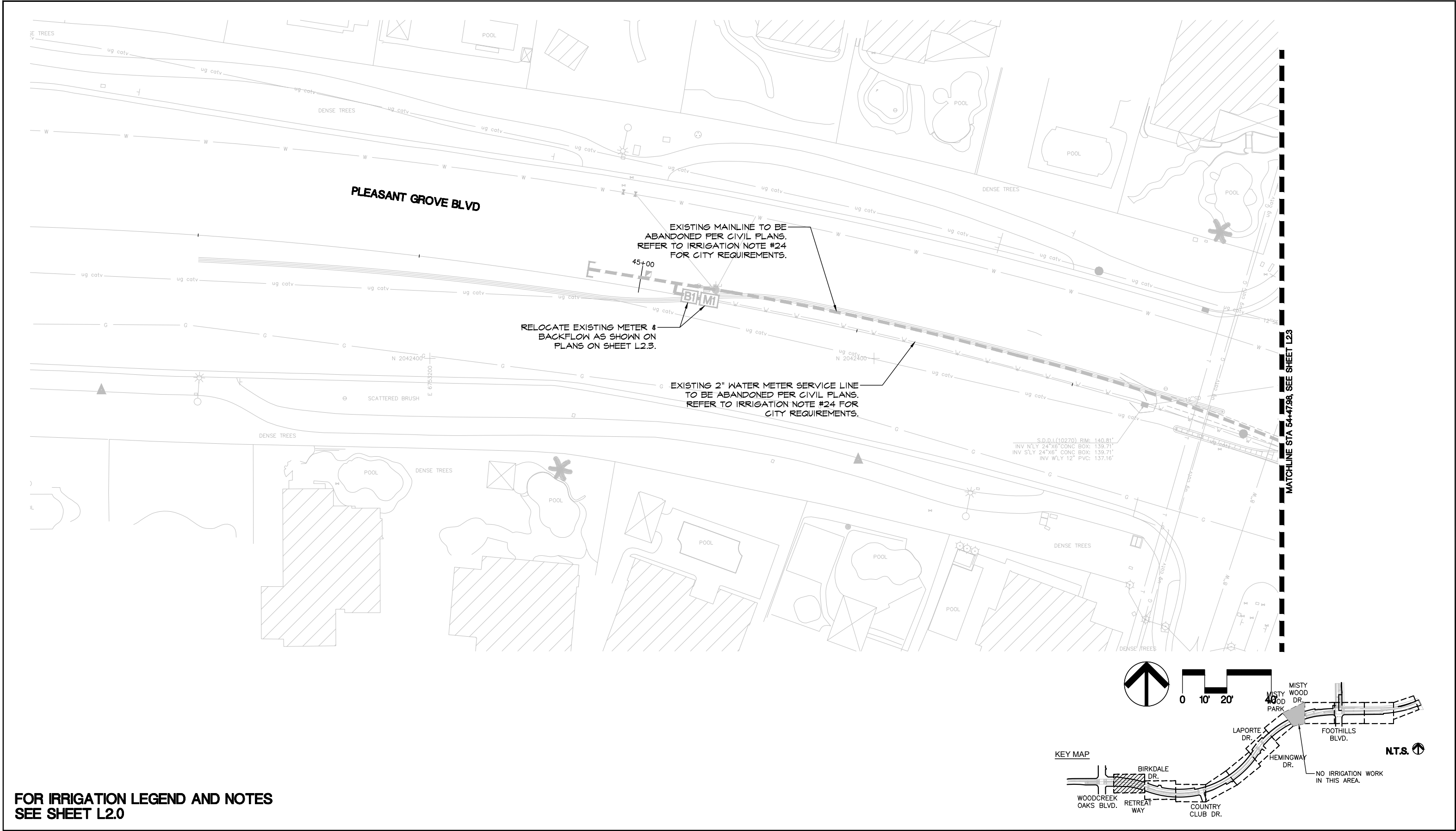
| <div style="text-align: center;"><b>REVISIONS</b></div> <table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> |             |      |    | NO. | DESCRIPTION | DATE | BY |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <div style="text-align: center;"><b>BENCH MARK</b></div> <div style="text-align: right;">ELEV. <u>SEE NOTES</u></div> <p>THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET.</p> | <div style="text-align: center;"><b>FIELD BOOK</b></div> <hr/> <div style="text-align: center;">SCALE</div> <div>HORIZ. _____</div> <div>VERT. _____</div> | <div style="text-align: center;">  <p><b>CITY OF</b><br/><b>ROSEVILLE</b><br/><b>CALIFORNIA</b></p> </div> | <div style="text-align: center;">  <p><b>CALLANDER ASSOCIATES</b><br/>12150 Tributary Point Drive, Suite 140, Gold Ridge<br/>T 916.985.4366<br/>www.callanderassociates.com</p> </div> <div>             DESIGNED BY: <u>AMANDA HOLTMAN</u> DATE: _____<br/>             CHECKED BY: <u>MELISSA RUTH</u> DATE: _____<br/>             DRAWN BY: <u>BELINDA SETILFF</u> DATE: _____         </div> |
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### IRRIGATION LEGEND

| SYMBOL                                                                                                                                                                                                                   | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                       |
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|                                                                                                                                                                                                                          | SHRUB SPRAY: RAINBIRD R-VAN NOZZLES WITH 1800 P45 SERIES BODY, PRESSURE REGULATING. HEADS SHOULD BE PLACED TO ACHIEVE MAXIMUM DISTRIBUTION UNIFORMITY AND DESIGN TO THE MIDDLE NOZZLE OR MIDDLE OF NOZZLE RANGE TO ALLOW FOR MAXIMUM ADJUSTABILITY. <span style="float: right;">(2)<br/>L4.1</span>                                                                               |
| SYMBOL                                                                                                                                                                                                                   | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                          | TREE BUBBLER (2 BUBBLERS): RAIN BIRD RWS-B-C-P 1401 ROOT WATERING SYSTEM WITH CHECK VALVE. EACH SYMBOL REPRESENTS 2 BUBBLERS. <span style="float: right;">(3)<br/>L4.1</span>                                                                                                                                                                                                     |
|                                                                                                                                                                                                                          | TREE BUBBLER (1 BUBBLER): RAIN BIRD RWS-B-C-P 1401 ROOT WATERING SYSTEM WITH CHECK VALVE. EACH SYMBOL REPRESENTS 1 BUBBLER. <span style="float: right;">(3)<br/>L4.1</span>                                                                                                                                                                                                       |
|                                                                                                                                                                                                                          | EXISTING REMOTE CONTROL VALVE, AND VALVE BOX, TO BE REMOVED AND RETURNED TO THE CITY. RECONNECT MAINLINE AND CONTROL WIRES.                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                          | REMOTE CONTROL VALVE: RAINBIRD PEB, SIZE PER PLANS. <span style="float: right;">(2)<br/>L4.0</span><br>ALL REMOTE CONTROL VALVES SHOWN ON PLANS SHALL REPLACE EXISTING REMOTE CONTROL VALVE IN SAME LOCATION AND RECONNECT TO EXISTING CONTROL WIRE.                                                                                                                              |
|                                                                                                                                                                                                                          | EXISTING QUICK COUPLING VALVE. VERIFY IN FIELD EXISTING WORKS CORRECTLY, REPLACE IF NEEDED.                                                                                                                                                                                                                                                                                       |
|                                                                                                                                                                                                                          | GATE VALVE: NIBCO T-113, SAME SIZE AS MAINLINE PIPE DIAMETER AT VALVE LOCATION. <span style="float: right;">(3)<br/>L4.0</span>                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                          | CONTROLLER: CS3-S-UPGRADE, UPGRADE EXISTING CALSENSE CONTROLLER IN HEAVY DUTY STAINLESS STEEL ENCLOSURE TO A CS3000 IRRIGATION CONTROLLER WITH CS3-2WIRE-OPT, SSE BACK PLATE AND COMMUNICATION INTERFACE HARDWARE. CONNECT EXISTING COMPATIBLE RADIOS. CONTACT CALSENSE, GEORGE APOSTOLOPOULOS AT (628)255-8945 OR <a href="mailto:GEORGEA@CALSENSE.COM">GEORGEA@CALSENSE.COM</a> |
|                                                                                                                                                                                                                          | EXISTING CONTROLLER                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                          | EXISTING METER, SIZE PER CIVIL PLANS                                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                                          | EXISTING BACKFLOW, SIZE PER CIVIL PLANS                                                                                                                                                                                                                                                                                                                                           |
|                                                                                                                                                                                                                          | FLOW SENSOR: FLOWMEC QS200, SIZE 1" WITH CS300 2 WIRE POC DECODER, CONNECT TO 2 WIRE COMMUNICATION.                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                          | MASTER VALVE: BUCKNER-SUPERIOR 3300-BSP-T-RW, 1-1/2" NORMALLY OPEN BRASS MASTER VALVE WITH CS300 2 WIRE POC DECODER, CONNECT TO 2 WIRE COMMUNICATION. <span style="float: right;">(1)<br/>L4.0</span>                                                                                                                                                                             |
|                                                                                                                                                                                                                          | SPLICE BOX: INSTALL IN LOCATIONS PER PLAN, SHALL BE IN VALVE BOX, WIRE SPLICES SHALL UTILIZE 3M SCOTCHCAST 3570G CONNECTOR SEALING PACKS, NO KNOWN EQUAL.                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                          | PULL BOX <span style="float: right;">(5)<br/>L4.1</span>                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                          | IRRIGATION LATERAL LINE: SCHEDULE 40, SIZE PER PLANS                                                                                                                                                                                                                                                                                                                              |
|                                                                                                                                                                                                                          | IRRIGATION MAINLINE CLASS 200 GASKETED PIPE, USING SADDLE. 3" SIZE UNLESS OTHERWISE NOTED. <span style="float: right;">(5)<br/>L4.0</span> <span style="float: right;">(6)<br/>L4.0</span>                                                                                                                                                                                        |
|                                                                                                                                                                                                                          | EXISTING 3" IRRIGATION MAINLINE SCH 40 PVC, UNLESS OTHERWISE NOTED.                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                          | WATER METER SERVICE LINE, PER CIVIL PLANS.                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                          | PIPE SLEEVE: PVC SCHEDULE 40, SEE NOTE 6                                                                                                                                                                                                                                                                                                                                          |
|                                                                                                                                                                                                                          | 2-WIRE COMMUNICATION, PER SPECS.                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                          | CONTROL WIRE                                                                                                                                                                                                                                                                                                                                                                      |
| <div style="display: flex; align-items: center;"> <div style="margin-left: 10px;"> <p>VALVE CALLOUT</p> <p>VALVE NUMBER</p> <p>VALVE SIZE</p> <p>VALVE FLOW</p> <p>PRECIPITATION RATE</p> <p>WATER-USE</p> </div> </div> |                                                                                                                                                                                                                                                                                                                                                                                   |

|           |             |      |    |                                                                                                                                                 |                 |                                                         |                                                                                       |                                                                                                                                                                                                                                                                                     |                                                                                       |                                                                                  |        |
|-----------|-------------|------|----|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|--------|
| REVISIONS |             |      |    | BENCH MARK                                                                                                                                      | ELEV. SEE NOTES | FIELD BOOK                                              |  |  <b>CALLANDER ASSOCIATES</b><br>12150 Tributary Point Drive, Suite 140, Gold River, CA 95670<br>T 916.985.4366<br><a href="http://www.callanderassociates.com">www.callanderassociates.com</a> |  | PLEASANT GROVE BOULEVARD<br>WIDENING PROJECT<br>L2.0 - IRRIGATION LEGEND & NOTES | SHEET  |
| NO.       | DESCRIPTION | DATE | BY | THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. | SCALE           | DESIGNED BY: <u>AMANDA HOLTMAN</u> DATE: <u>06/2023</u> |                                                                                       | DRAWN BY: <u>BELINDA SETILFF</u> DATE: <u>06/2023</u>                                                                                                                                                                                                                               |                                                                                       |                                                                                  | 70     |
|           |             |      |    |                                                                                                                                                 | HORIZ. _____    | CHECKED BY: <u>MELISSA RUTH</u> DATE: <u>06/2023</u>    |                                                                                       |                                                                                                                                                                                                                                                                                     |                                                                                       |                                                                                  | — OF — |
|           |             |      |    |                                                                                                                                                 | VERT. _____     |                                                         |                                                                                       |                                                                                                                                                                                                                                                                                     |                                                                                       |                                                                                  | 99     |





FOR IRRIGATION LEGEND AND NOTES  
SEE SHEET L2.0

| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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| BENCH MARK                                                                                                                                      | ELEV. | SEE NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |           |

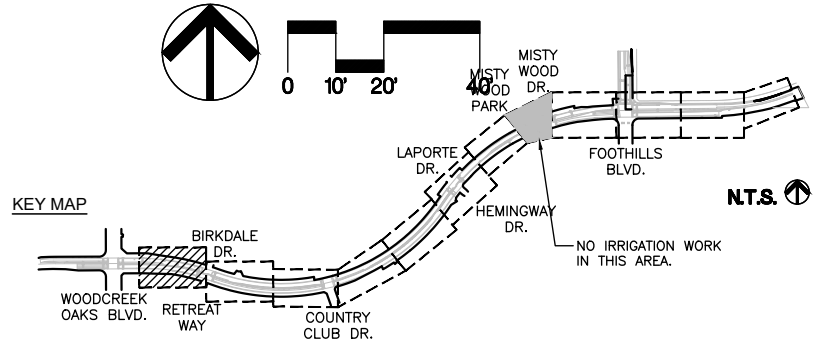
| FIELD BOOK   |
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| SCALE        |
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| VERT. _____  |



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| DESIGNED BY: AMANDA HOLTMAN                                                                                                                  | DATE: 06/2023 |  |  |
| CHECKED BY: MELISSA RUTH                                                                                                                     | DATE: 06/2023 |  |  |
| DRAWN BY: BELINDA SETILFF                                                                                                                    | DATE: 06/2023 |  |  |

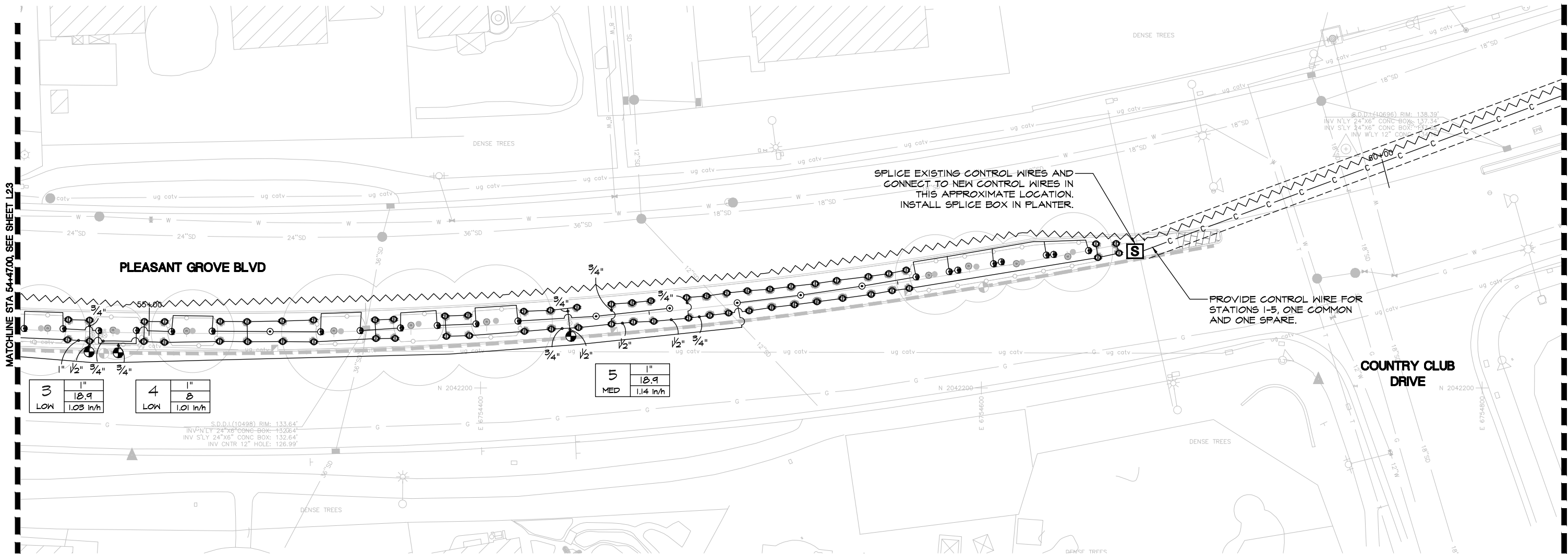
PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L2.2 - IRRIGATION PLAN

SHEET  
72  
OF  
99



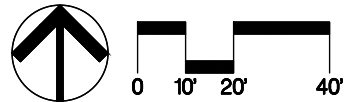






MATCHLINE STA 54+47.00, SEE SHEET L23

MATCHLINE STA 60+72.00, SEE SHEET L25



FOR IRRIGATION LEGEND AND NOTES  
SEE SHEET L2.0

| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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| BENCH MARK                                                                                                                                      | ELEV. SEE. NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |                  |

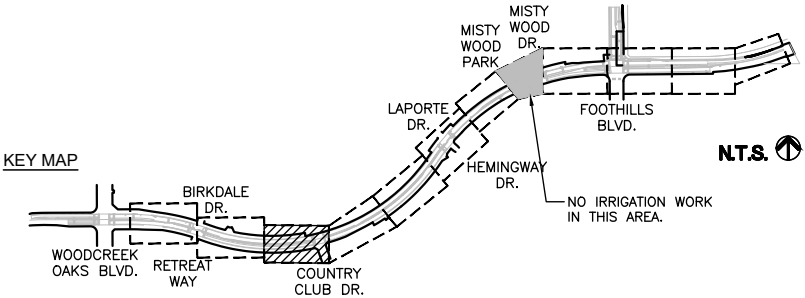
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| SCALE        |
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| VERT. _____  |



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| DESIGNED BY: AMANDA HOLTMAN                                                                                                                  | DATE 06/2023 |
| CHECKED BY: MELISSA RUTH                                                                                                                     | DATE 06/2023 |
| DRAWN BY: BELINDA SETILFF                                                                                                                    | DATE 06/2023 |

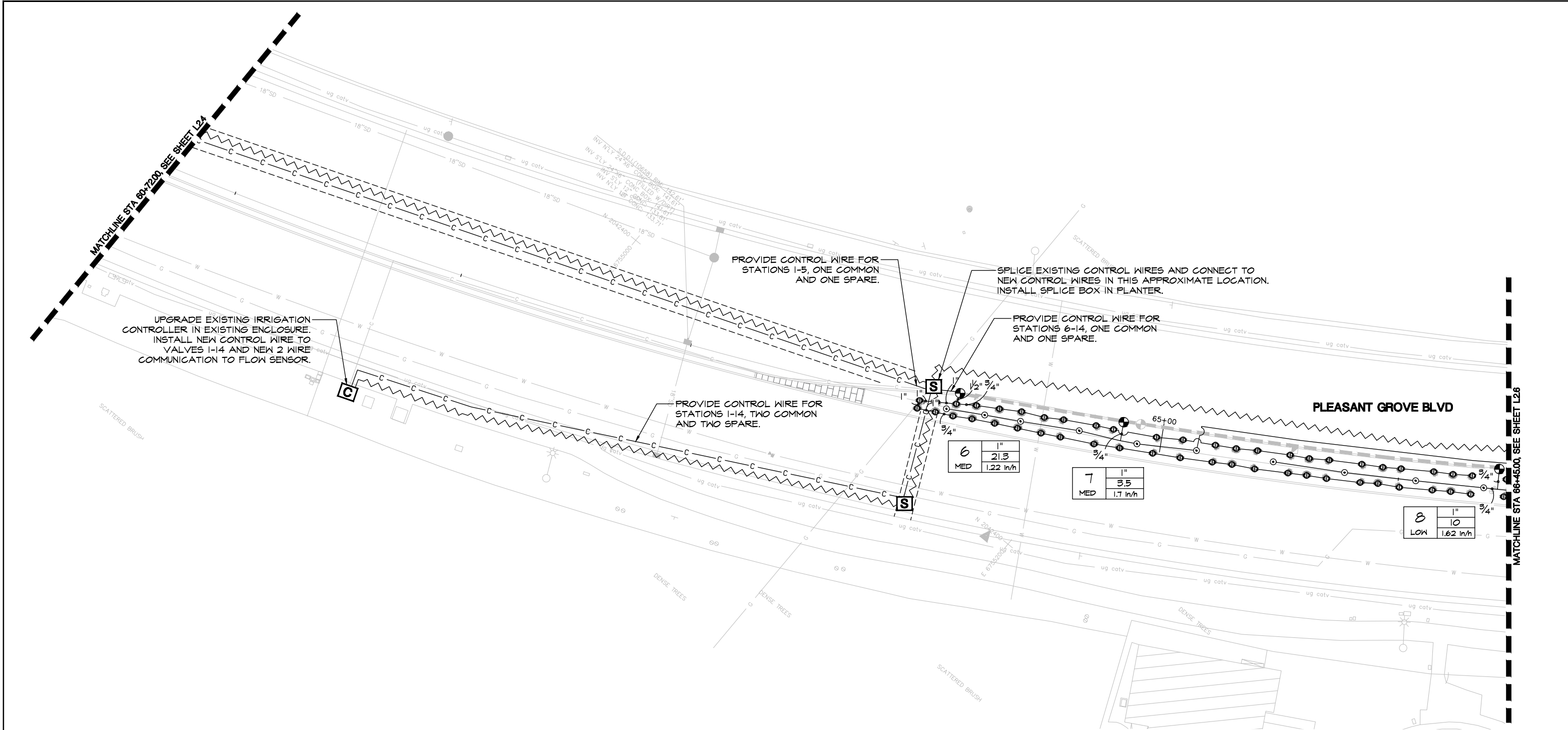


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L2.4 - IRRIGATION PLAN



NTS. (Not To Scale)





UPGRADE EXISTING IRRIGATION CONTROLLER IN EXISTING ENCLOSURE. INSTALL NEW CONTROL WIRE TO VALVES 1-14 AND NEW 2 WIRE COMMUNICATION TO FLOW SENSOR.

PROVIDE CONTROL WIRE FOR STATIONS 1-5, ONE COMMON AND ONE SPARE.

SPLICE EXISTING CONTROL WIRES AND CONNECT TO NEW CONTROL WIRES IN THIS APPROXIMATE LOCATION. INSTALL SPLICE BOX IN PLANTER.

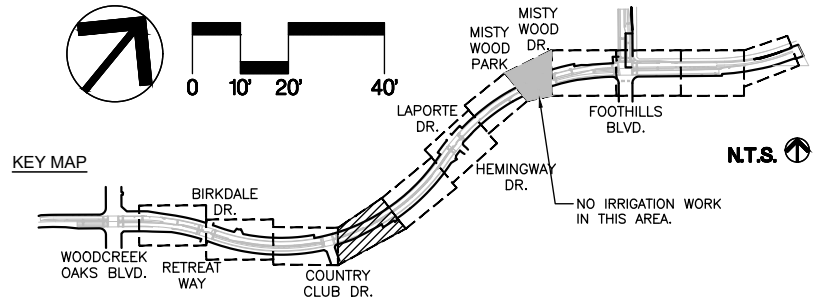
PROVIDE CONTROL WIRE FOR STATIONS 6-14, ONE COMMON AND ONE SPARE.

PROVIDE CONTROL WIRE FOR STATIONS 1-14, TWO COMMON AND TWO SPARE.

|     |           |
|-----|-----------|
| 6   | 1"        |
| MED | 21.3      |
|     | 1.22 in/h |

|     |          |
|-----|----------|
| 7   | 1"       |
| MED | 3.5      |
|     | 1.7 in/h |

|     |           |
|-----|-----------|
| 8   | 1"        |
| LOW | 10        |
|     | 1.62 in/h |



FOR IRRIGATION LEGEND AND NOTES  
SEE SHEET L2.0

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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**BENCH MARK** ELEV. SEE NOTES

THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET.

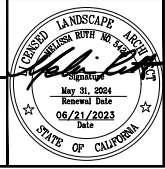
**FIELD BOOK**

SCALE  
HORIZ. \_\_\_\_\_  
VERT. \_\_\_\_\_



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DRAWN BY: BELINDA SETILFF      DATE 06/2023

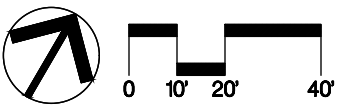
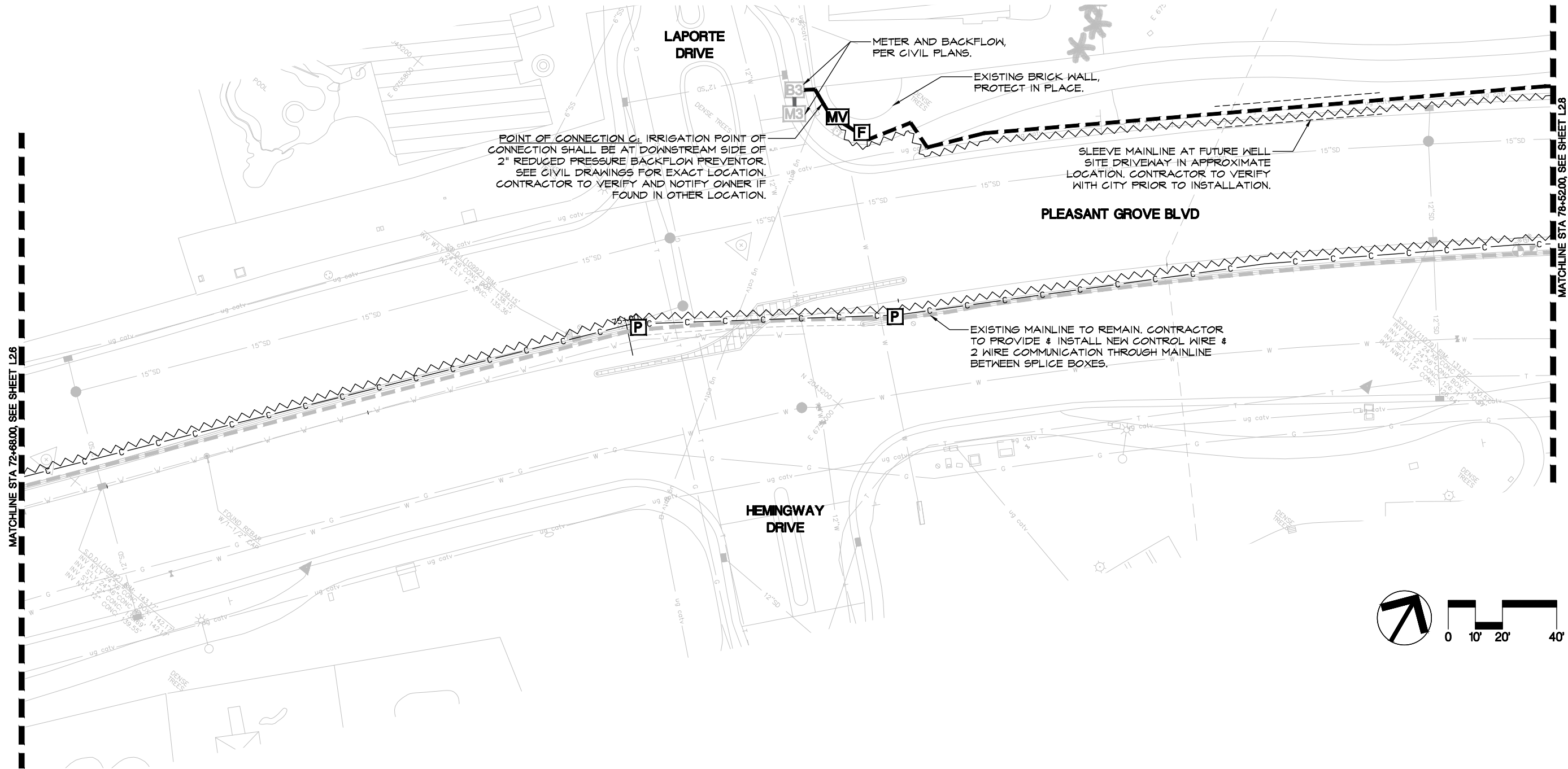


**PLEASANT GROVE BOULEVARD  
WIDENING PROJECT**

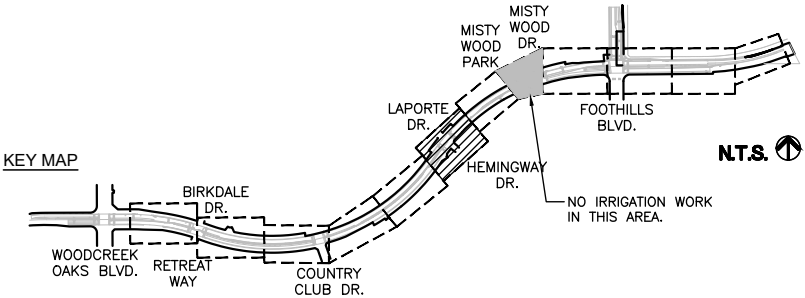
L2.5 - IRRIGATION PLAN

SHEET  
75  
OF  
99





FOR IRRIGATION LEGEND AND NOTES  
SEE SHEET L2.0



| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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| BENCH MARK                                                                                                                                      | ELEV. SEE NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |                 |

| FIELD BOOK   |
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| SCALE        |
| HORIZ. _____ |
| VERT. _____  |





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CHECKED BY: MELISSA RUTH

DRAWN BY: BELINDA SETILFF

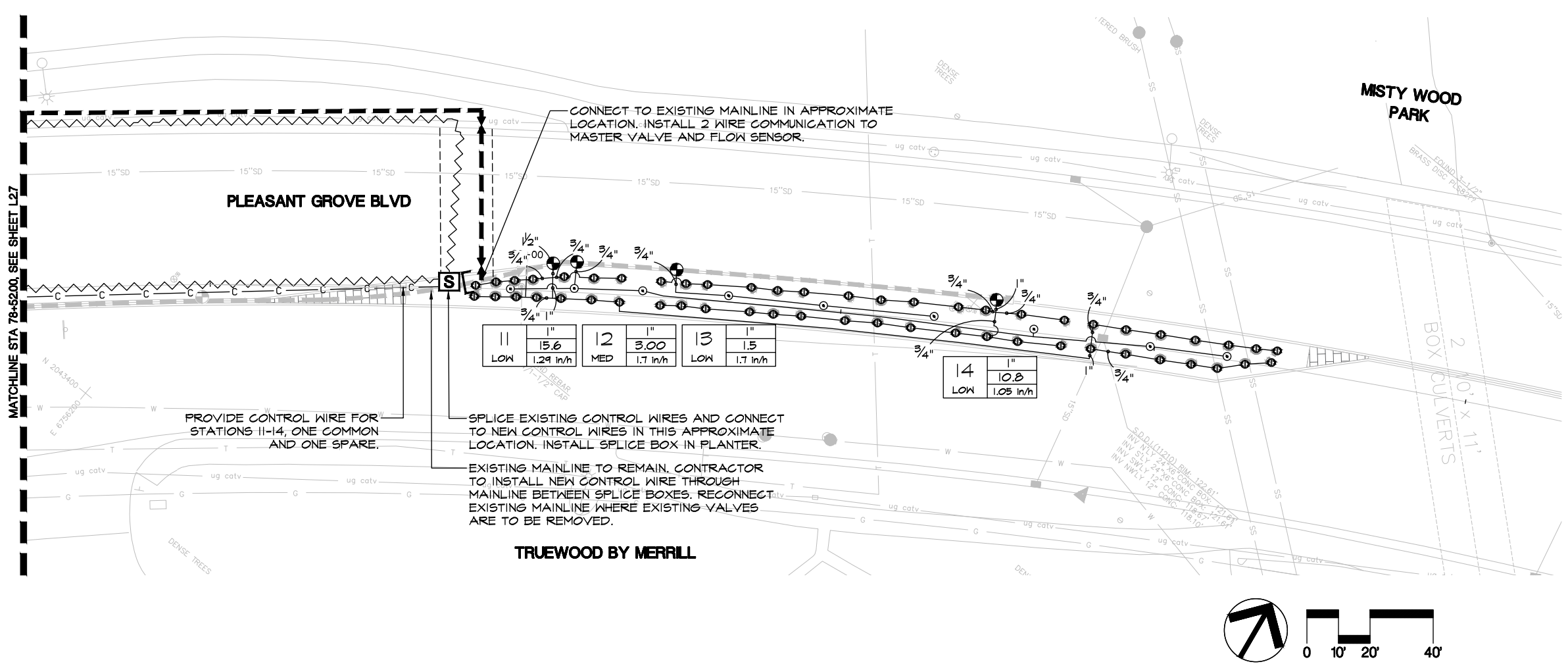
DATE 06/2023

DATE 06/2023

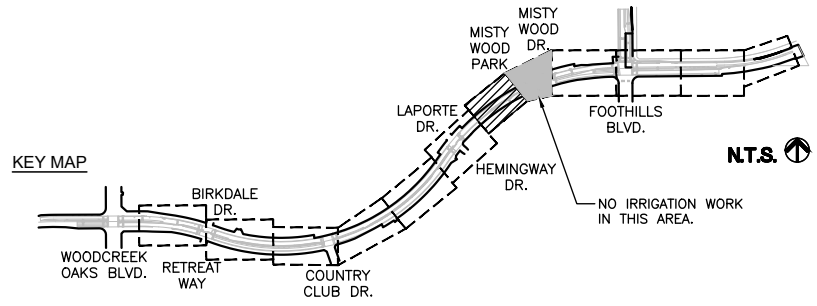
DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L2.7 - IRRIGATION PLAN



FOR IRRIGATION LEGEND AND NOTES  
SEE SHEET L2.0



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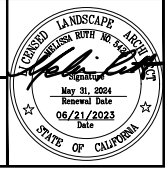
| BENCH MARK                                                                                                                                      | ELEV. SEE NOTES |
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| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |                 |

| FIELD BOOK   |
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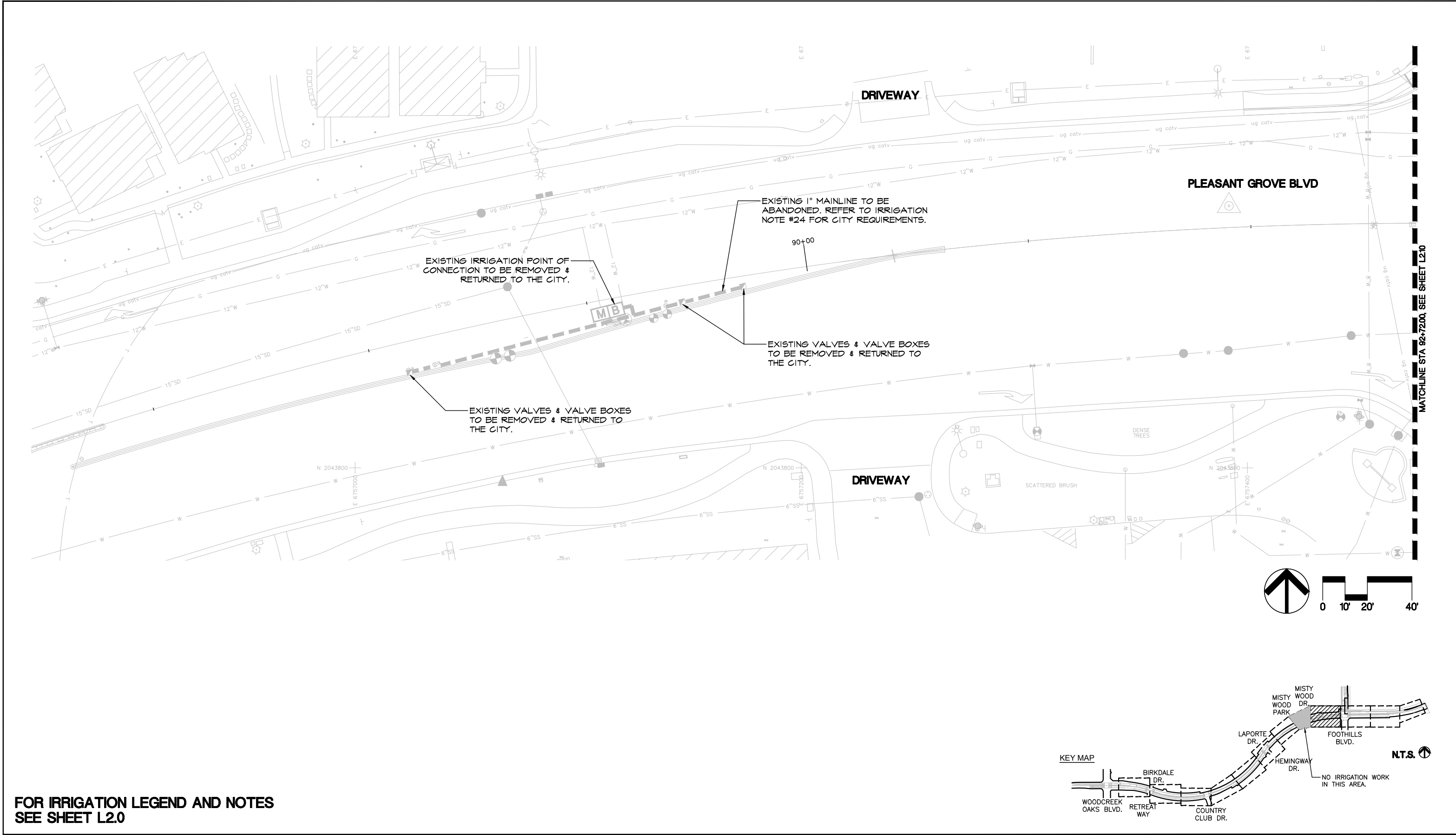
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DRAWN BY: BELINDA SETILFF DATE 06/2023



**PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L2.8 - IRRIGATION PLAN**





FOR IRRIGATION LEGEND AND NOTES  
SEE SHEET L2.0

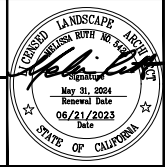
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| BENCH MARK                                                                                                                                      | ELEV. SEE NOTES |
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| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |                 |

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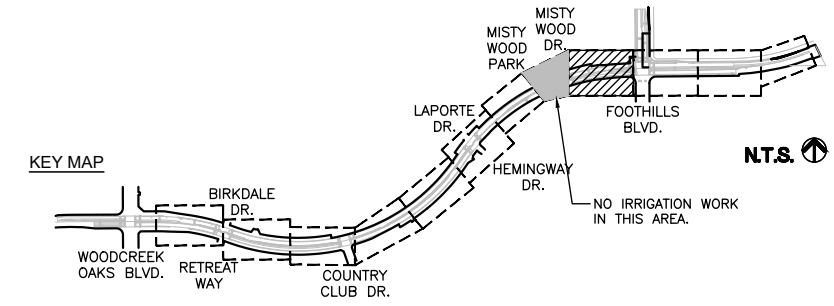


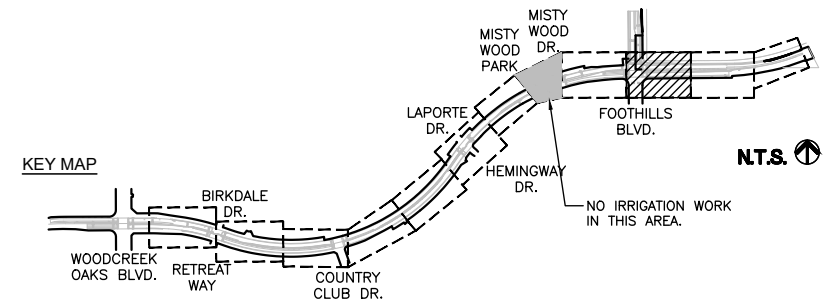
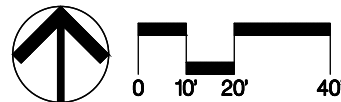
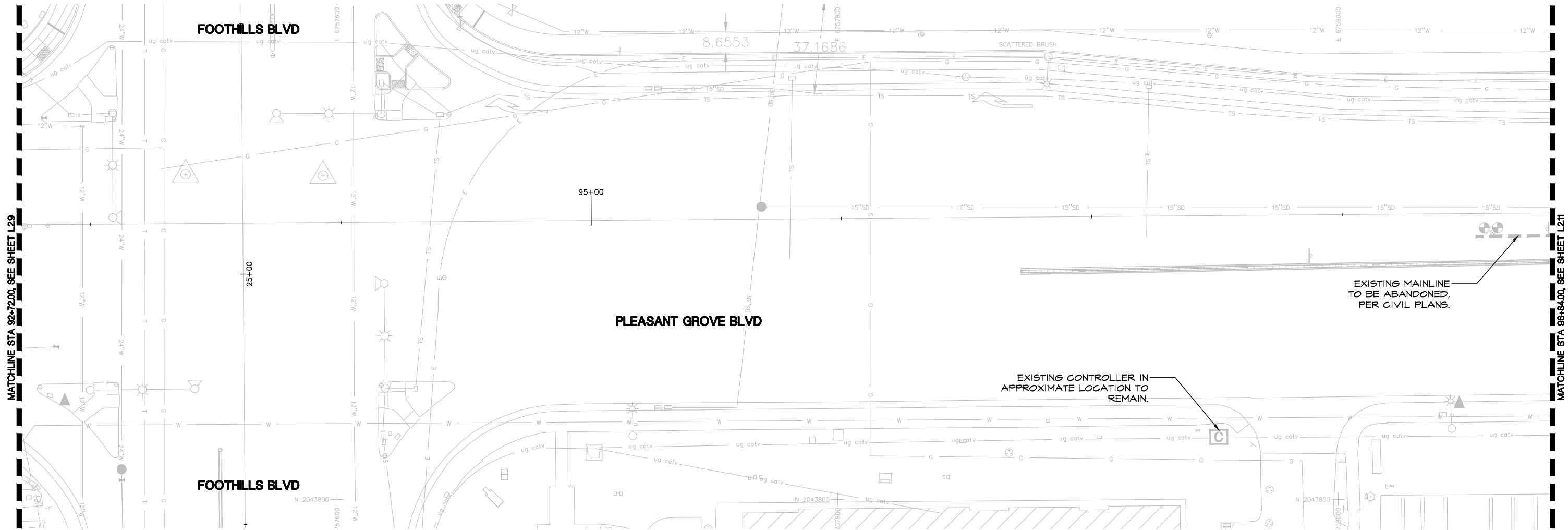
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| CHECKED BY: MELISSA RUTH                                                                                                                     | DATE 06/2023 |  |  |
| DRAWN BY: BELINDA SETILFF                                                                                                                    | DATE 06/2023 |  |  |



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L2.9 - IRRIGATION PLAN

SHEET  
79  
OF  
99





FOR IRRIGATION LEGEND AND NOTES  
SEE SHEET L2.0

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| BENCH MARK                                                                                                                                      | ELEV. | SEE NOTES |
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| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |           |

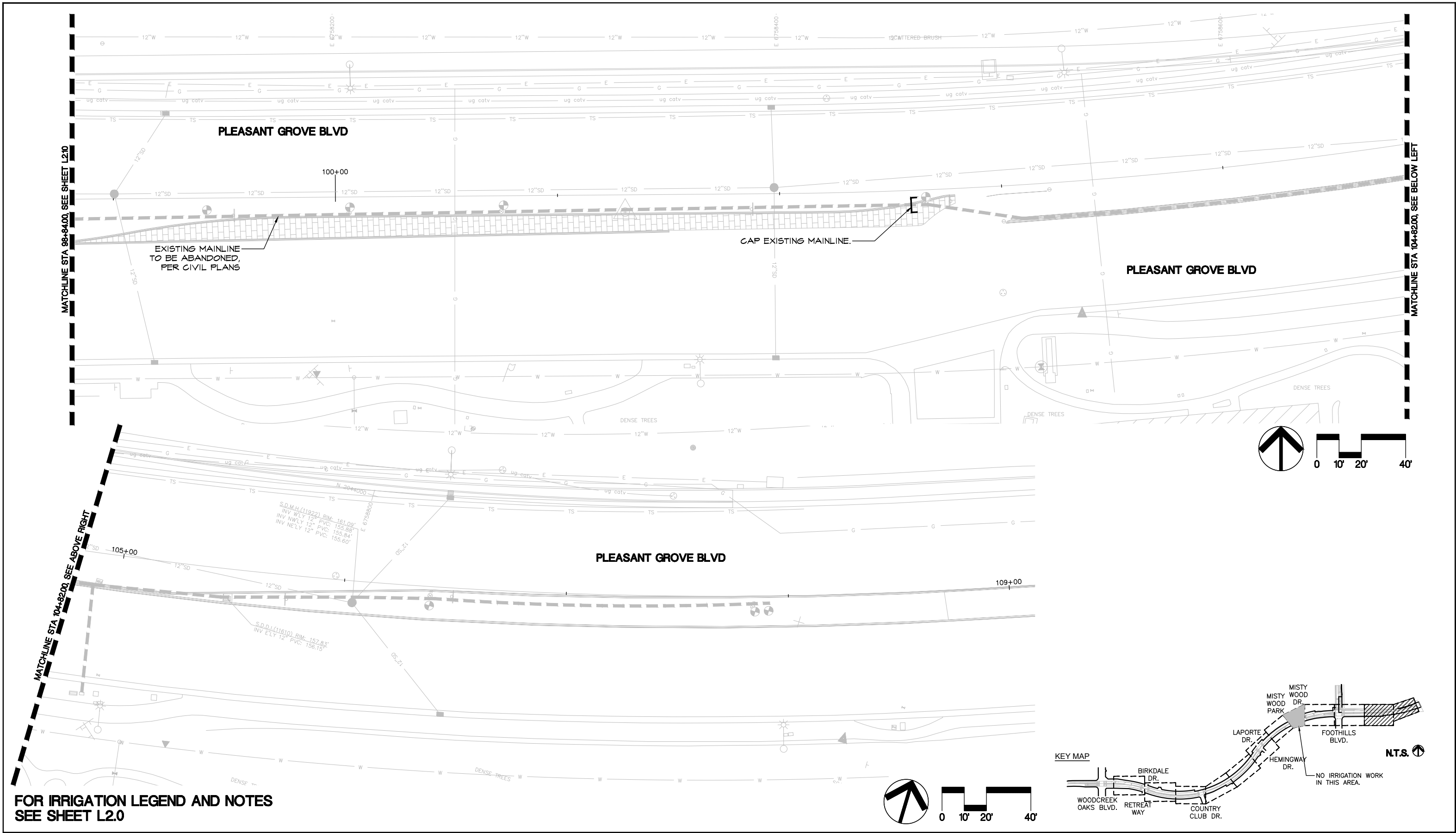
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| DESIGNED BY: AMANDA HOLTMAN                                                                                                                  | DATE | 06/2023 |  |
| CHECKED BY: MELISSA RUTH                                                                                                                     | DATE | 06/2023 |  |
| DRAWN BY: BELINDA SETILFF                                                                                                                    | DATE | 06/2023 |  |



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L2.10 - IRRIGATION PLAN



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**BENCH MARK** ELEV. SEE NOTES

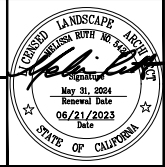
THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET.

| FIELD BOOK |
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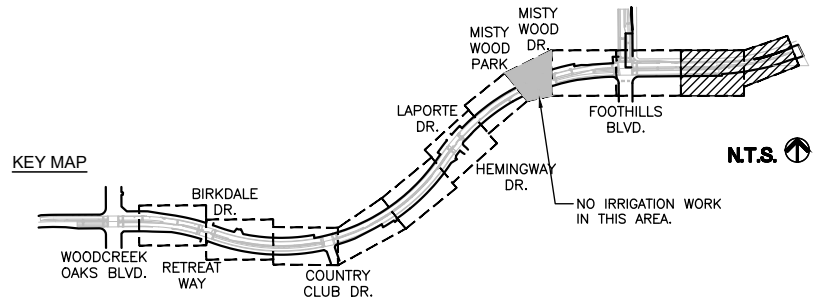
DESIGNED BY: AMANDA HOLTMAN      DATE 06/2023  
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DRAWN BY: BELINDA SETILFF      DATE 06/2023



**PLEASANT GROVE BOULEVARD  
WIDENING PROJECT**

L2.11 - IRRIGATION PLAN

SHEET 81 OF 99



[illegible]

\*PEST CONTROL MEASURES TO BE IMPLEMENTED PER CITY  
STANDARD MAINTENANCE PROCEDURES

**WATER EFFICIENT LANDSCAPE WORKSHEET**

|                                                 |      |
|-------------------------------------------------|------|
| Reference Evapotranspiration (ET <sub>o</sub> ) | 52.2 |
|-------------------------------------------------|------|

[illegible]

**\*MAWA (Annual Gallons Allowed) =**  
 $(\text{Eto}) [0.62] \{ (\text{ETAF} \times \text{LA}) + ((\text{ETAF} \times \text{SLA})$   
 where 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year, LA is the total landscape area in square feet (including SLA), SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas and 0.45 for non-residential areas.

**\*Plant Factor**  
 ( 0.0 - 0.1 ) very low water use  
 ( 0.2 - 0.3 ) low water use  
 ( 0.4 - 0.6 ) medium water use  
 ( 0.7 - 1.0 ) high water use

### Regular Landscape Areas

| Regular Landscape Areas |        |       |
|-------------------------|--------|-------|
| Total ETAF x Area       | 7,048  | (B)   |
| Total Area              | 17,560 | (A)   |
| Average ETAF            | 0.40   | B ÷ A |

**Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential areas.**

| All Landscape Areas |        |                   |
|---------------------|--------|-------------------|
| Total ETAF x Area   | 7,048  | (B + D)           |
| Total Area          | 17,560 | (A + C)           |
| Sitewide ETAF       | 0.40   | (B + D) ÷ (A + C) |

A. DATE: 06/02/2023

B. PROJECT APPLICANT: CITY OF ROSEVILLE

C. PROJECT ADDRESS: PLEASANT GROVE BLVD. FROM  
WOODCREEK OAKS BLVD TO FOOTHILLS

D. TOTAL IRRIGATED LANDSCAPE AREA: 17,560 SF

E. PROJECT TYPE: STREETSCAPE

F. WATER SUPPLY TYPE: POTABLE

### G. LANDSCAPE DOCUMENTATION PACKAGE CHECKLIST:

1. ✓ PROJECT INFORMATION
2. ✓ WATER EFFICIENT LANDSCAPE WORKSHEET
3. ✓ SOIL MANAGEMENT REPORT (REFER TO SOIL REPORT  
IN PROJECT SPECIFICATIONS)
4. ✓ LANDSCAPE DESIGN PLAN (AKA PLANTING PLAN)
5. ✓ IRRIGATION DESIGN PLAN
6. ✓ GRADING DESIGN PLAN (REFER TO CIVIL PLANS FOR  
CROSS SECTION AND DETAILS)

|                                                                                                                                                               |                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| H. LANDSCAPE ARCHITECT:<br>CALLANDER ASSOCIATES<br>MELISSA RUTH<br>12150 TRIBUTARY POINT DRIVE,<br>SUITE 140<br>GOLD RIVER, CA 95670<br>PHONE: (916) 985-4366 | OWNER:<br>CITY OF ROSEVILLE -<br>PUBLIC WORKS<br>311 VERNON STREET,<br>#100<br>ROSEVILLE, CA 95678<br>PHONE: (916) 774-5434 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|

I AGREE TO COMPLY WITH THE CRITERIA OF THE  
WATER EFFICIENT LANDSCAPE ORDINANCE AND  
SUBMIT A COMPLETE LANDSCAPE DOCUMENTATION  
PACKAGE

SIGNATURE Melissa Ruth MELISSA RUTH

| Valve No. | Description  | Plant Water Use (WUCOLS) | Landscape Coefficient (KL) | GPM Flow | Precip Rate | Irrigation Method | Irrigation Efficiency | Landscape Coefficient (KL) | Month<br>Roseville<br>% of July ETo | Jan   | Feb   | Mar   | Apr   | May   | Jun   | Jul   | Aug   | Sep   | Oct   | Nov   | Dec   | Annual |   |   |   |   |        |
|-----------|--------------|--------------------------|----------------------------|----------|-------------|-------------------|-----------------------|----------------------------|-------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---|---|---|---|--------|
| 1         | Trees        | Medium                   | 0.50                       | 5        | 1.32        | Bubbler           | 0.81                  | 0.50                       | Minutes per Cycle                   | 5     | 6     | 9     | 12    | 14    | 16    | 16    | 12    | 10    | 6     | 5     |       |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Days per Month                      | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5      | 5 | 5 | 5 |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Cycles per Day                      | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3      | 3 | 3 | 3 | 3 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Minutes per Month             | 75    | 90    | 135   | 180   | 210   | 240   | 240   | 180   | 150   | 90    | 75    |       |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Gallons                       | 375   | 450   | 675   | 900   | 1,050 | 1,200 | 1,200 | 900   | 750   | 450   | 375   |       |        |   |   |   |   | 9,525  |
| 2         | Groundcovers | Medium                   | 0.50                       | 15       | 1.28        | Spray             | 0.75                  | 0.50                       | Minutes per Cycle                   | 4     | 5     | 7     | 10    | 11    | 13    | 13    | 10    | 8     | 5     | 4     |       |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Days per Month                      | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7      | 7 | 7 | 7 | 7 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Cycles per Day                      | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3      | 3 | 3 | 3 | 3 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Minutes per Month             | 84    | 105   | 147   | 210   | 231   | 273   | 273   | 210   | 168   | 105   | 84    |       |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Gallons                       | 1,260 | 1,575 | 2,205 | 3,150 | 3,465 | 4,095 | 4,095 | 4,095 | 3,150 | 2,520 | 1,575 | 1,260 |        |   |   |   |   | 32,445 |
| 3         | Groundcovers | Low                      | 0.20                       | 18.9     | 1.03        | Spray             | 0.75                  | 0.20                       | Minutes per Cycle                   | 7     | 8     | 12    | 17    | 19    | 22    | 23    | 21    | 17    | 13    | 9     | 7     |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Days per Month                      | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3      | 3 | 3 | 3 | 3 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Cycles per Day                      | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2      | 2 | 2 | 2 | 2 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Minutes per Month             | 42    | 48    | 72    | 102   | 114   | 132   | 138   | 126   | 102   | 78    | 54    | 42    |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Gallons                       | 794   | 907   | 1,361 | 1,928 | 2,155 | 2,495 | 2,608 | 2,381 | 1,928 | 1,474 | 1,021 | 794   |        |   |   |   |   | 19,845 |
| 4         | Trees        | Low                      | 0.20                       | 8        | 1.01        | Bubbler           | 0.81                  | 0.20                       | Minutes per Cycle                   | 6     | 8     | 11    | 16    | 18    | 21    | 21    | 20    | 16    | 12    | 8     | 6     |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Days per Month                      | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2      | 2 | 2 | 2 | 2 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Cycles per Day                      | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3      | 3 | 3 | 3 | 3 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Minutes per Month             | 36    | 48    | 66    | 96    | 108   | 126   | 126   | 120   | 96    | 72    | 48    | 36    |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Gallons                       | 288   | 384   | 528   | 768   | 864   | 1,008 | 1,008 | 960   | 768   | 576   | 384   | 288   |        |   |   |   |   | 7,824  |
| 5         | Groundcovers | Medium                   | 0.50                       | 18.9     | 1.14        | Spray             | 0.75                  | 0.50                       | Minutes per Cycle                   | 4     | 5     | 8     | 11    | 13    | 14    | 15    | 14    | 11    | 9     | 6     | 4     |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Days per Month                      | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7      | 7 | 7 | 7 | 7 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Cycles per Day                      | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3      | 3 | 3 | 3 | 3 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Minutes per Month             | 84    | 105   | 168   | 231   | 273   | 294   | 315   | 294   | 231   | 189   | 126   | 84    |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Gallons                       | 1,598 | 1,985 | 3,175 | 4,366 | 5,160 | 5,557 | 5,954 | 5,557 | 4,366 | 3,572 | 2,381 | 1,598 |        |   |   |   |   | 45,247 |
| 6         | Groundcovers | Medium                   | 0.50                       | 21.3     | 1.22        | Spray             | 0.75                  | 0.50                       | Minutes per Cycle                   | 4     | 5     | 7     | 10    | 12    | 13    | 14    | 13    | 10    | 8     | 5     | 4     |        |   |   |   |   |        |
|           |              |                          |                            |          |             |                   |                       |                            | Days per Month                      | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7     | 7      | 7 | 7 | 7 | 7 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Cycles per Day                      | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3     | 3      | 3 | 3 | 3 | 3 |        |
|           |              |                          |                            |          |             |                   |                       |                            | Total Minutes per Month             | 84    | 105   | 147   | 210   | 252   | 2     |       |       |       |       |       |       |        |   |   |   |   |        |

[illegible]

**BENCH MARK**      ELEV. SEE NOTES

THE VERTICAL DATUM OF THIS MAPPING  
IS BASED ON THE CITY OF ROSEVILLE  
BENCHMARK 85, ADJUSTED TO NAVD88  
BY ADDING A PROJECT FACTOR OF +2.16  
FEET.

FIELD BOOK

SCALE  
HORIZ. \_\_\_\_\_  
VERT. \_\_\_\_\_



DESIGNED BY: AMANDA HOLTMAN DATE 06/2023  
CHECKED BY: MELISSA RUTH DATE 06/2023  
DRAWN BY: BELINDA SETILFF DATE 06/2023



# PLEASANT GROVE BOULEVARD WIDENING PROJECT L2.12 - IRRIGATION PLAN

SHEET  
82

— OF —  
99



PLANT SCHEDULE

| TREES   | BOTANICAL / COMMON NAME                                           | SIZE   | MUGOLS | SPACING  |
|---------|-------------------------------------------------------------------|--------|--------|----------|
| ACE RUB | ACER RUBRUM 'OCTOBER GLORY' / OCTOBER GLORY RED MAPLE             | 15 GAL | MED    | AS SHOWN |
| CHI RET | CHIONANTHUS RETUSUS / CHINESE FRINGE TREE                         | 15 GAL | MED    | AS SHOWN |
| QUE SUB | QUERCUS SUBER / CORK OAK                                          | 15 GAL | LOW    | AS SHOWN |
| QUE WIS | QUERCUS WISLIZENI / INTERIOR LIVE OAK                             | 15 GAL | LOW    | AS SHOWN |
| SHRUBS  | BOTANICAL / COMMON NAME                                           | SIZE   | MUGOLS | SPACING  |
| CIS LMS | CISTUS X 'LITTLE MISS SUNSHINE' / ROCKROSE 'LITTLE MISS SUNSHINE' | 5 GAL  | LOW    | 24" o.c. |
| CORAUR  | COREOPSIS AURICULATA 'NANA' / DWARF TICKSEED                      | 1 GAL  | LOW    | 48" o.c. |
| EVO GRA | EUONYMUS FORTUNEI 'GRACILIS' / VARIEGATED WINTERCREEPER           | 1 GAL  | MED    | 48" o.c. |
| HEM STE | HEMEROCALLIS X 'STELLA DE ORO' / STELLA DE ORO DAYLILY            | 1 GAL  | MED    | 24" o.c. |
| LAN HAV | LANTANA X 'HAVANA' / HAVANA LANTANA                               | 1 GAL  | MED    | 24" o.c. |
| MYO UEM | MYOPORUM PARVIFOLIUM 'WHITE' / WHITE TRAILING MYOPORUM            | 1 GAL  | LOW    | 48" o.c. |

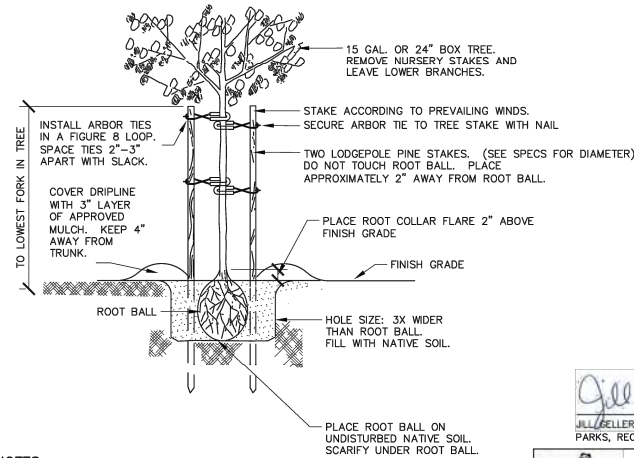
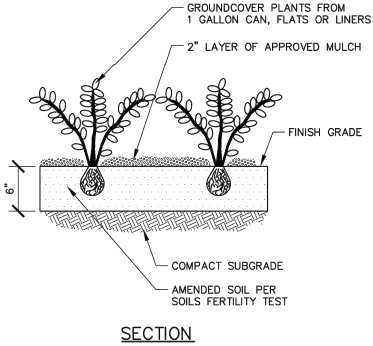
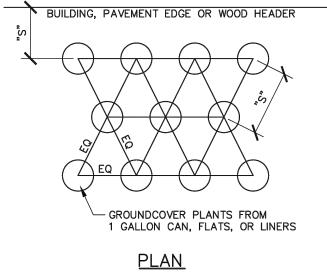
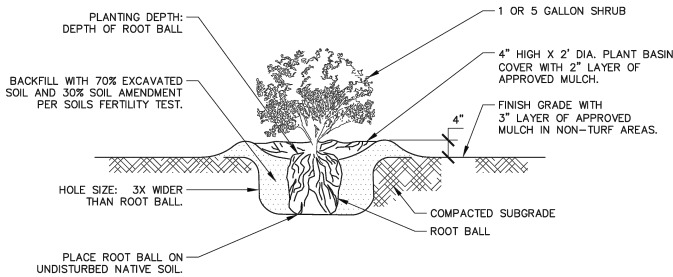
| GROUND COVERS                                                                     | BOTANICAL / COMMON NAME                  | SIZE  | MUGOLS | SPACING  |
|-----------------------------------------------------------------------------------|------------------------------------------|-------|--------|----------|
|  | FESTUCA OVINA GLAUCA / BLUE SHEEP FESCUE | 1 GAL | MED    | 18" o.c. |

PLANT LEGEND

-  BARK MULCH ONLY
-  EXISTING TREE TO REMAIN
-  ROOT BARRIER: DEEP ROOT CORP. #5B18.  
INSTALL FLUSH WITH INSIDE FACE OF CURB OR PAVING IN LOCATIONS INDICATED.  
SHOWN ON OUTSIDE OF CURB FOR GRAPHIC PURPOSES ONLY. PER SPECS.

PLANTING NOTES

- EXISTING PLANT MATERIAL: PROTECT ALL EXISTING PLANT MATERIAL TO REMAIN. CONTRACTOR TO REPLACE ANY DAMAGED PLANT MATERIAL INCURRED AS A DIRECT RESULT OF THIS CONTRACT AT NO ADDITIONAL COST TO OWNER.
- GROUNDCOVER: PROVIDE GROUNDCOVER AT INDICATED ON-CENTER SPACING THROUGHOUT ALL PLANTING AREAS. GROUNDCOVER SHALL BE PROVIDED UP TO THE WATERING BASIN OF ALL TREES AND SHRUBS.
- SOILS TESTING: SEE SPECIFICATIONS FOR TESTING OF TOPSOIL AND AMENDMENTS. IN ADDITION, CONTRACTOR SHALL SUBMIT A FIVE GALLON SAMPLE OF NATIVE TOPSOIL FROM ANY AREAS PREVIOUSLY COVERED BY PAVING, TO WAYPOINT ANALYTICAL IN ANAHEIM, (714) 282-8777, FOR CONFIRMATION TESTING. TESTING REQUIRES FOUR TO FIVE WEEKS. CONTRACTOR SHALL ALLOW SUFFICIENT TIME FOR TESTING PRIOR TO CONSTRUCTION.
- TREES IN MEDIANS: NEW TREES PLANTED IN MEDIANS ARE TO BE OFFSET TO AVOID A VISUAL "PICKET FENCE" EFFECT.
- MULCH IN MEDIANS: INSTALL A UNIFORM 3 INCH COVERING, REGULAR "WALK ON" FIR BARK, MANUFACTURED BY REDI-GRO CORPORATION OR APPROVED EQUAL, PER PARKS STANDARDS IN ALL MEDIANS.
- PROVIDE 1'-0" CLEAR ZONE FROM EDGE OF PLANT TO BACK OF CURB. CLEAR ZONE TO BE WALK ON MULCH ONLY PER PARKS STANDARDS, TYPICAL OF ALL BACK OF CURBS.



- NOTES
- AMENDMENT SHALL BE CONSISTENT WITH SOILS FERTILITY TEST.
  - PLANTING AREAS SHALL BE TREATED WITH PRE-EMERGENT PRIOR TO PLANTING TO PREVENT GERMINATION OF WEED SEEDS.
  - SCORE ROOT BALL IN VARIOUS LOCATIONS.

  
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PARKS, RECREATION & LIBRARIES DIRECTOR

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SHRUB PLANTING

SCALE: NONE  
REVISED: JULY 2021  
REVIEWED BY: T. GEE  
APPROVED BY: J. GELLER

PK-18

- NOTES
- "S" REFERS TO PLANT SPACING, SEE PLANT TABLE ON CONSTRUCTION DOCUMENTS.

  
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GROUNDCOVER PLANTING

SCALE: NONE  
REVISED: JULY 2021  
REVIEWED BY: T. GEE  
APPROVED BY: J. GELLER

PK-17

- NOTES
- SCORE ROOT BALL AND CUT GIRDLING ROOTS ON ALL FOUR SIDES OF ROOT BALL.
  - FOR LAWN AREAS: PROVIDE A 3' DIA. AREA FREE OF TURF.
  - TREES FURNISHED IN #15 NURSERY CONTAINERS REQUIRE 2" DIA. STAKES. TREES LESS THAN 8' IN HEIGHT REQUIRE AN 8' STAKE. TREES 8' OR GREATER IN HEIGHT REQUIRE A 10' STAKE. TREES FURNISHED IN 24" BOXES REQUIRE 3" DIA. BY 10' LONG STAKES.
  - INSTALL 2 ARBOR TIES, AT 2/3 OF TREE HEIGHT AND 2 ARBOR TIES AT 1/2 OF TREE HEIGHT.
  - TREE STAKES SHOULD BE INSERTED INTO THE GROUND TO A MINIMUM DEPTH OF 18".
  - TREES TO BE STRUCTURALLY PRUNED BEFORE PLANTING. ESTABLISH A CENTRAL LEADER AND REDUCE OR REMOVE CODOMINANT LEADERS.

  
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TREE PLANTING

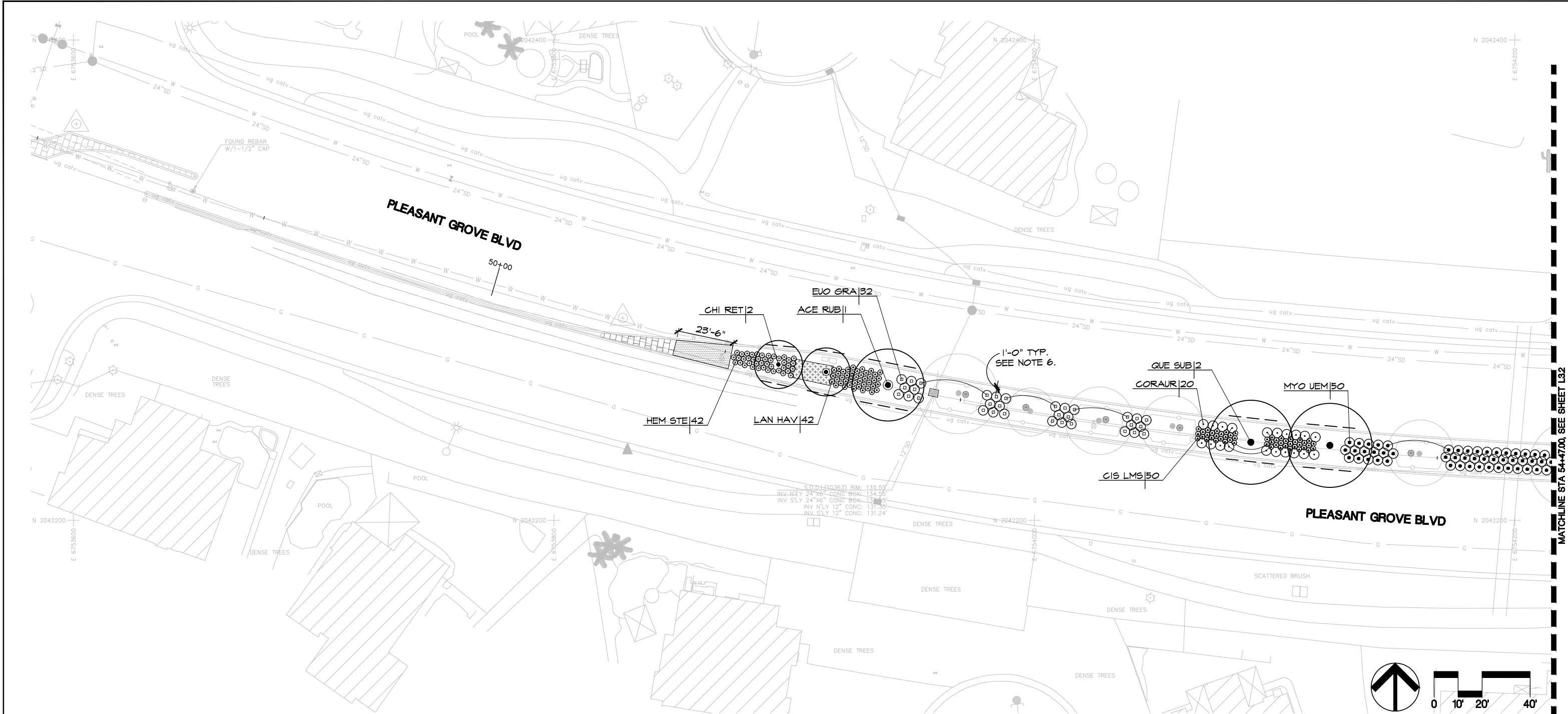
SCALE: NONE  
REVISED: JULY 2021  
REVIEWED BY: T. GEE  
APPROVED BY: J. GELLER

PK-20

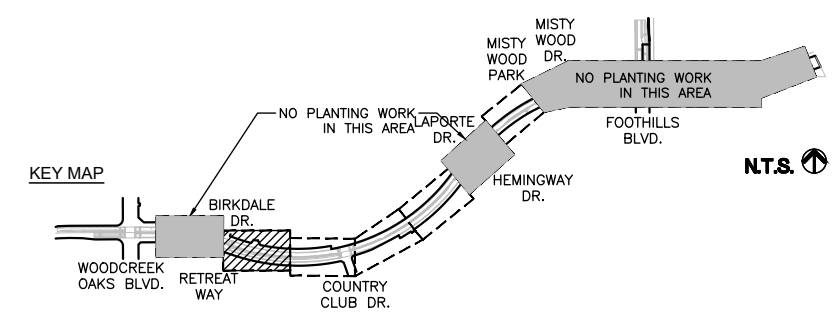
1 L3.0 SHRUB PLANTING SECTION

2 L3.0 GROUNDCOVER PLANTING SECTION & PLAN

3 L3.0 TREE PLANTING SECTION



MATCHLINE STA 54+47.00, SEE SHEET L32



| REVISIONS |             |      |    |
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| NO.       | DESCRIPTION | DATE | BY |
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**BENCH MARK** ELEV. SEE NOTES

THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET.

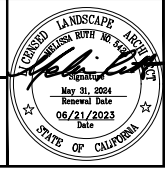
**FIELD BOOK**

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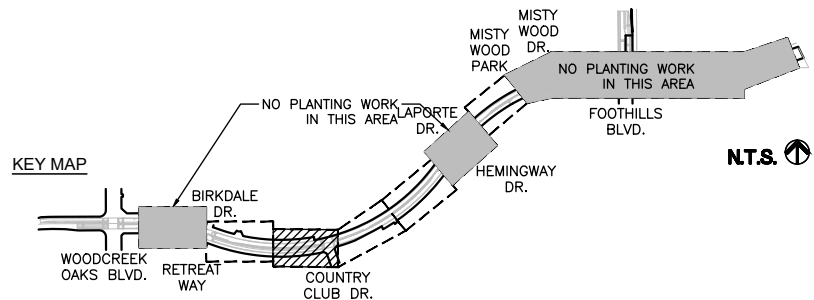
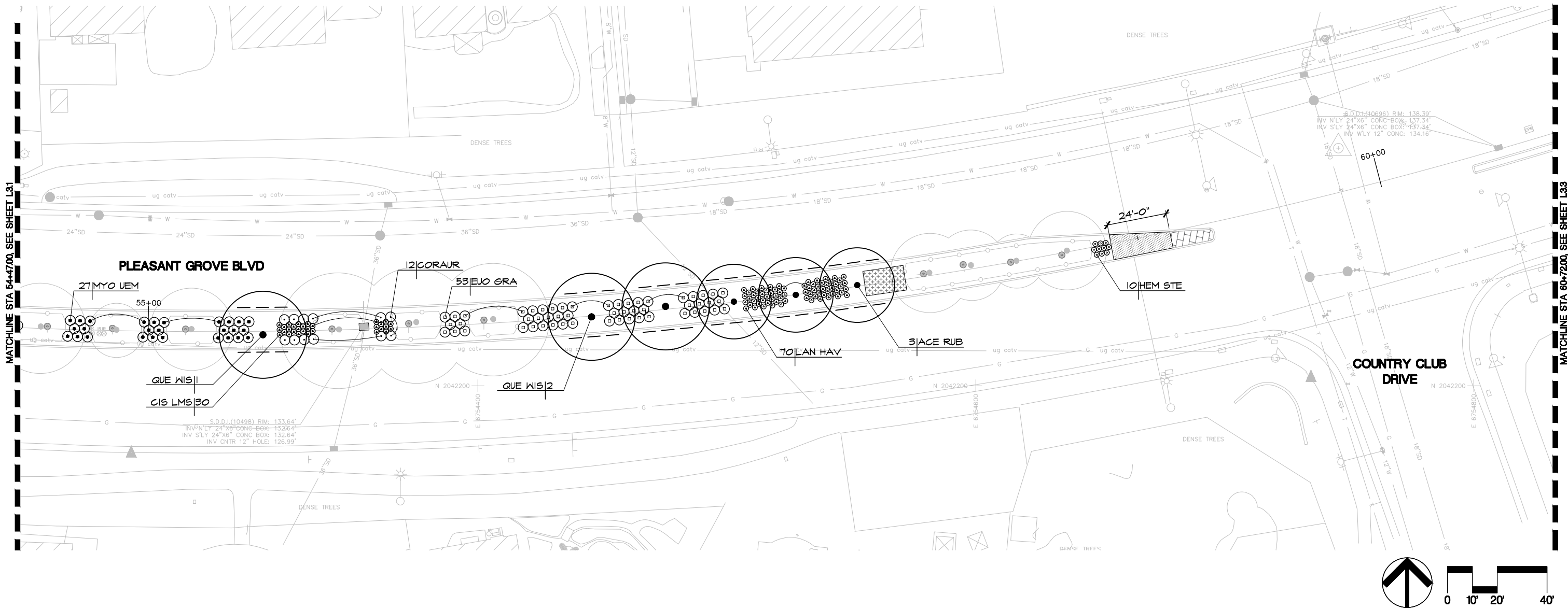


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CHECKED BY: MELISSA RUTH DATE 06/2023  
DRAWN BY: BELINDA SETILFF DATE 06/2023



# PLEASANT GROVE BOULEVARD WIDENING PROJECT L3.1 - PLANTING PLAN



| REVISIONS |             |      |    |
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| BENCH MARK                                                                                                                                      | ELEV. SEE NOTES |
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| FIELD BOOK   |
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| VERT. _____  |





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DRAWN BY: BELINDA SETILFF

DATE 06/2023

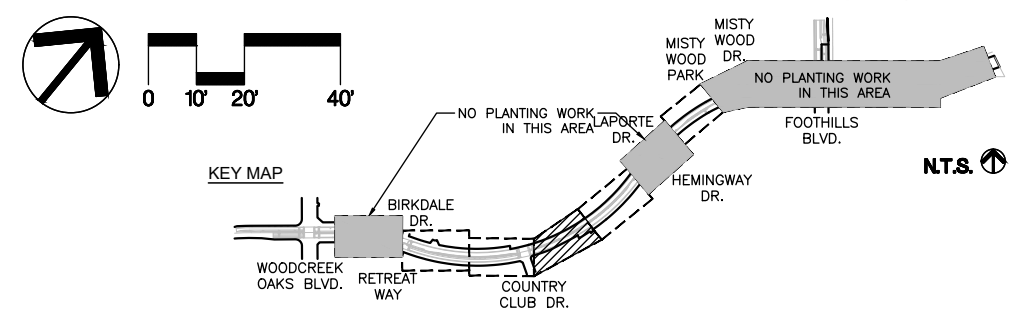
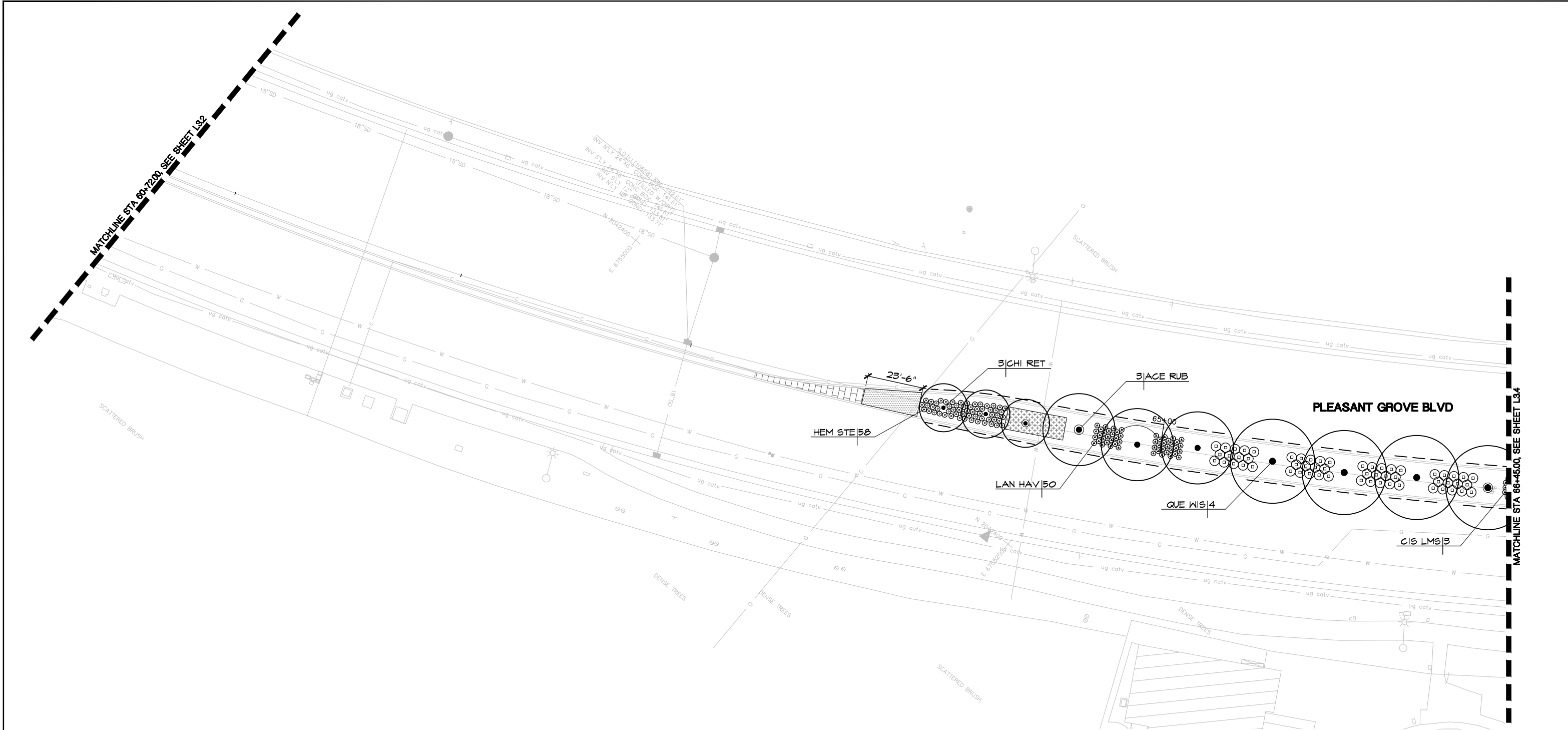
DATE 06/2023

DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L3.2 - PLANTING PLAN





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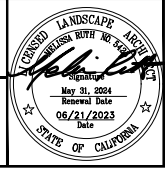
| BENCH MARK                                                                                                                                      | ELEV. | SEE NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |           |

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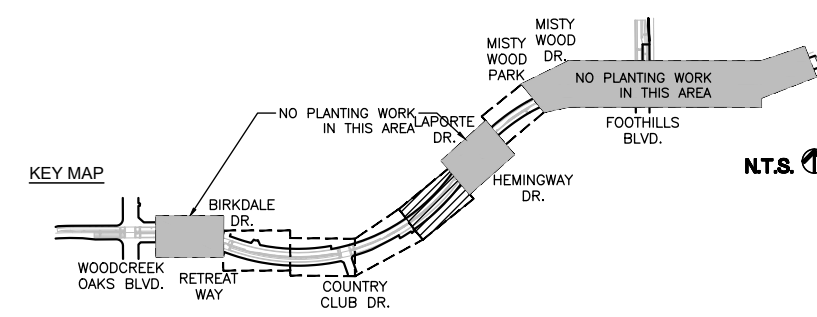
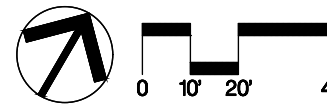
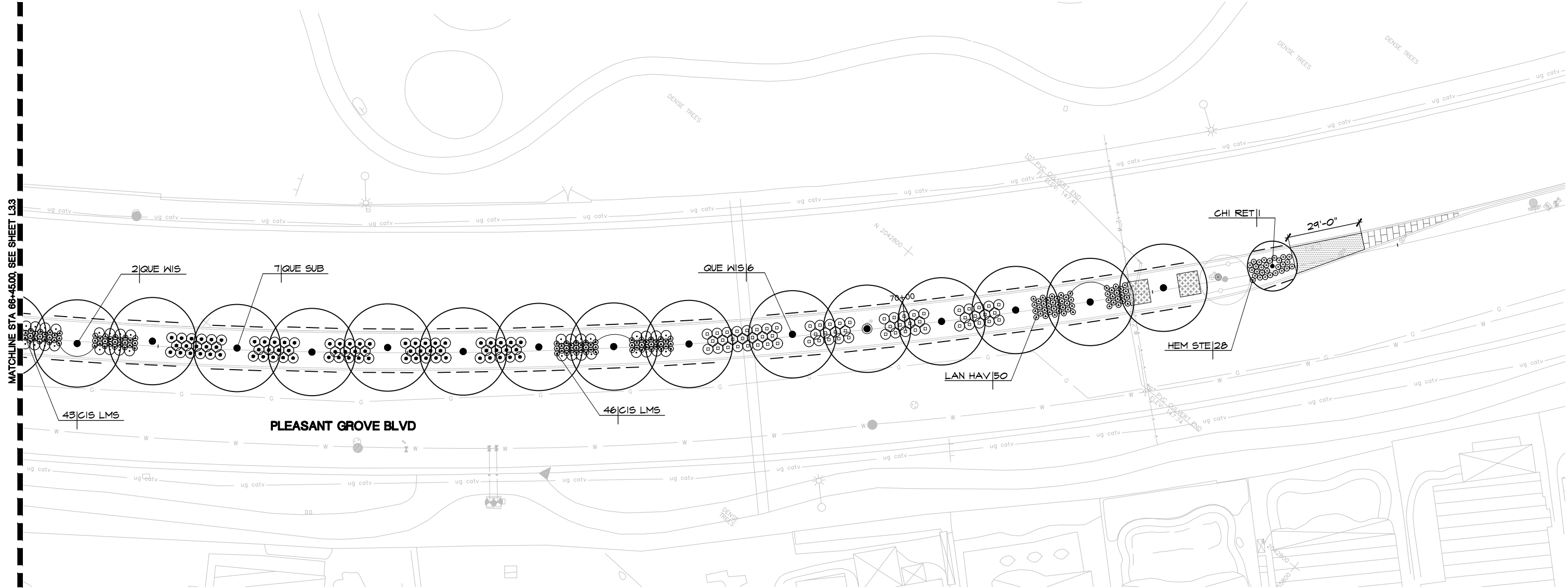


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# PLEASANT GROVE BOULEVARD WIDENING PROJECT L3.3 - PLANTING PLAN



| REVISIONS |             |      |    |
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**BENCH MARK** ELEV. SEE NOTES

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**FIELD BOOK**

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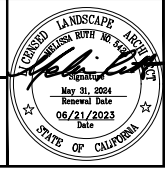


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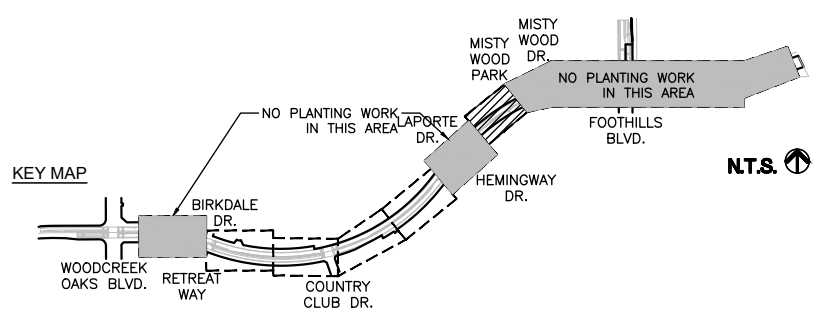
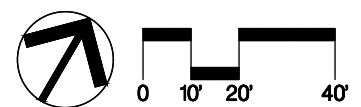
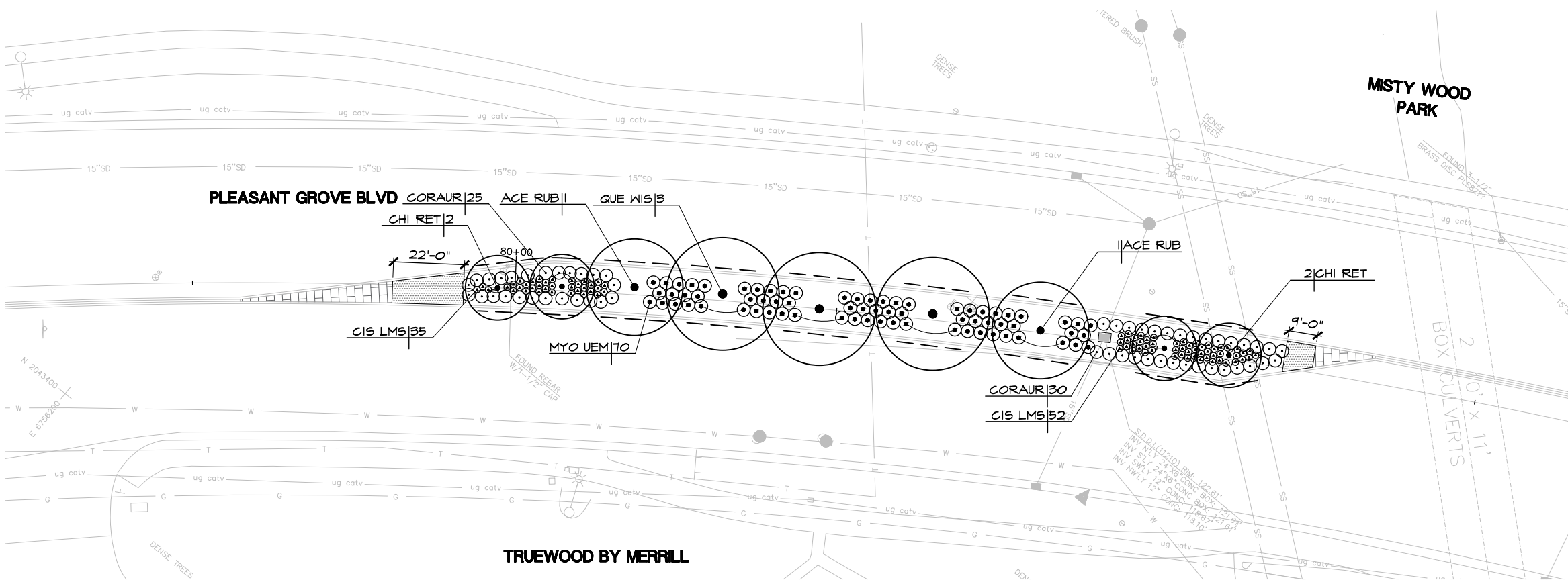
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DRAWN BY: BELINDA SETILFF DATE 06/2023



**PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L3.4 - PLANTING PLAN**



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**BENCH MARK**    ELEV.    SEE.    NOTES

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**FIELD BOOK**

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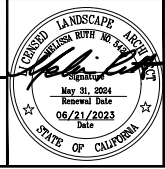


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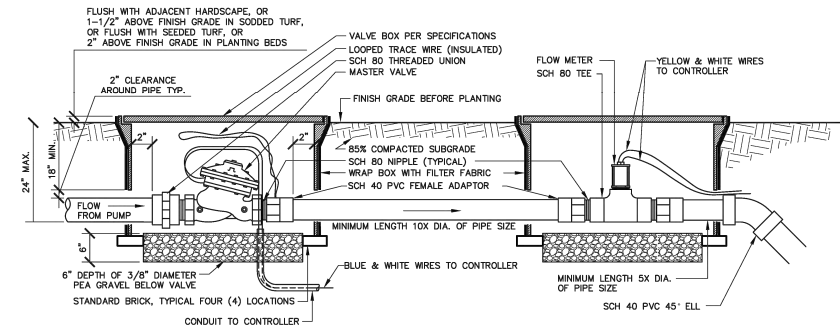
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# PLEASANT GROVE BOULEVARD WIDENING PROJECT L3.5 - PLANTING PLAN





NOTES

1. INSTALL VALVES A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING.

2. INSTALL VALVES IN PLANTER BEDS WHEREVER POSSIBLE.

3. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING.

4. INSTALL VALVE BOX SO THAT TOP OF BOX IS FLUSH WITH ADJACENT HARDSCAPING.

5. USE TEFLON TAPE ON ALL MALE THREADS.

6. INSULATE AROUND PIPE AT BOX OPENINGS WITH PLASTIC SHEETING TO PREVENT SOIL FROM ENTERING BOX.

7. REFER TO SPECIFICATIONS FOR REQUIREMENTS FOR TAPING, EXPANSION COILS, WIRE CONNECTIONS, ETC.

8. FOR USE WITH CALSENSE CONTROLLERS ONLY.

Jill Geller

JILL GELLER, CPRE

PARKS, RECREATION & LIBRARIES DIRECTOR

CITY OF ROSEVILLE

PARKS, RECREATION, & LIBRARIES DEPARTMENT

MASTER VALVE

CALSENSE

SCALE: NONE

REVISED: JULY 2021

REVIEWED BY: T. GEE

APPROVED BY: J. GELLER

PK-2

NOTES

1. INSTALL VALVES A MINIMUM OF 12" FROM STRUCTURES OR HARDSCAPING.

2. INSTALL VALVES IN PLANTER BEDS WHEREVER POSSIBLE.

3. PLACE VALVE BOX AT RIGHT ANGLES TO STRUCTURES OR HARDSCAPING.

4. INSTALL VALVE BOX SO THAT TOP OF BOX IS FLUSH WITH ADJACENT HARDSCAPING.

5. USE TEFLON TAPE ON ALL MALE THREADS.

6. PROVIDE SCHEDULE 80 THREADED UNION ON DOWNSTREAM SIDE.

7. INSULATE AROUND PIPE AT BOX OPENINGS WITH PLASTIC SHEETING TO PREVENT SOIL FROM ENTERING BOX.

8. REFER TO SPECIFICATIONS FOR REQUIREMENTS FOR TAPING, EXPANSION COILS, WIRE CONNECTIONS, ETC.

9. ALL RCVS SHALL BE TAGGED INDICATING STATION #S.

10. ALL VALVE BOXES SHALL HAVE STATION #S PERMANENTLY BURNED ON VALVE BOX LIDS.

TURF VALVES: 1#  
LANDSCAPE AREA VALVES: L#  
BUBBLER VALVES: B#

Jill Geller

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CITY OF ROSEVILLE

PARKS, RECREATION, & LIBRARIES DEPARTMENT

VALVE

REMOTE CONTROL AT GRADE

SCALE: NONE

REVISED: JULY 2021

REVIEWED BY: T. GEE

APPROVED BY: J. GELLER

PK-15

NOTES

1. COMPACT SOIL AROUND BOX TO 90% MINIMUM COMPACTION.

2. PLACE DRAIN ROCK PRIOR TO INSTALLING VALVE BOX.

3. GATE VALVE AND FITTINGS SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.

4. USE TEFLON TAPE ON ALL THREADED FITTINGS.

5. LOCATE VALVES IN SHRUB/GROUNDCOVER AREAS WHENEVER POSSIBLE.

6. LOOP EXTRA TRACER WIRE UP TO TOP OF BOX.

Jill Geller

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CITY OF ROSEVILLE

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VALVE

3" AND SMALLER

SCALE: NONE

REVISED: JULY 2021

REVIEWED BY: T. GEE

APPROVED BY: J. GELLER

PK-11

NOTE: TWO WIRE DECODER SYSTEMS MUST BE PROPERLY GROUNDED IN ORDER TO PROTECT AGAINST LIGHTNING SURGES. THE MINIMUM DISTANCE BETWEEN THE SURGE ARRESTOR AND THE GROUND ROD SHOULD BE 3'-0". PROVIDE A SPLIT BOLT CONNECTION TO BE USED TO CONNECT THE SURGE DEVICE TO THE GROUND WIRE WITH A DBRY WATERPROOF CONNECTOR.

4

L4.0

2 WIRE SURGE PROTECTION

SECTION

N.T.S.

10.064 2-Wire Surge Protector.dwg

NOTES

1. RECLAIMED WATER REQUIRES BURIED TAPE LINE PER PUBLIC WORKS CONSTRUCTION STANDARDS.

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PARKS, RECREATION, & LIBRARIES DEPARTMENT

PIPE TRENCH

SCALE: NONE

REVISED: JULY 2021

REVIEWED BY: T. GEE

APPROVED BY: J. GELLER

PK-6

NOTES

1. ALL SLEEVES TO BE SCHEDULE 40 PVC.

2. EXTEND ALL SLEEVES 12" BEYOND EDGE OF HARDSCAPING.

3. CAP BOTH ENDS OF ALL SPARE SLEEVES AND MARK BOTH ENDS WITH 3M LOCATOR BALLS.

4. INSTALL SPARE SLEEVE UNDER ROADWAYS

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PIPE AT PAVEMENT

SCALE: NONE

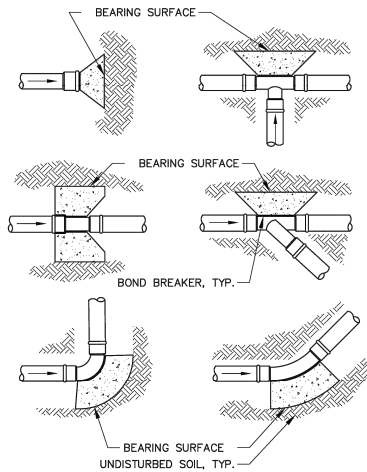
REVISED: JULY 2021

REVIEWED BY: T. GEE

APPROVED BY: J. GELLER

PK-5

| <div>REVISIONS</div> <table><tr><th>NO.</th><th>DESCRIPTION</th><th>DATE</th><th>BY</th></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table> | NO.         | DESCRIPTION | DATE | BY |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | <div>BENCH MARK</div> <div>ELEV. SEE NOTES</div> <div>THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET.</div> | <div>FIELD BOOK</div> <div>SCALE</div> <div>HORIZ. _____</div> <div>VERT. _____</div> | <div>CITY OF ROSEVILLE CALIFORNIA</div> | <div>CALLANDER ASSOCIATES</div> <div>12150 Tributary Point Drive, Suite 140, Gold River, CA 95670</div> <div>T 916.985.4366</div> <div>www.callanderassociates.com</div> <div>DESIGNED BY: AMANDA HOLTMAN</div> <div>CHECKED BY: MELISSA RUTH</div> <div>DRAWN BY: BELINDA SETILFF</div> <div>DATE 06/2023</div> <div>DATE 06/2023</div> <div>DATE 06/2023</div> | <div>LANDSCAPE ARCHITECT</div> <div>May 31, 2024</div> <div>Renewal Date</div> <div>06/21/2023</div> <div>DATE</div> <div>STATE OF CALIFORNIA</div> | <div>PLEASANT GROVE BOULEVARD</div> <div>WIDENING PROJECT</div> <div>L4.0 - DETAILS</div> | <div>SHEET</div> <div>89</div> <div>OF</div> <div>99</div> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|------|----|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------|
| NO.                                                                                                                                                                                                                                                                                                       | DESCRIPTION | DATE        | BY   |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                             |                                                                                       |                                         |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                     |                                                                                           |                                                            |
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|                                                                                                                                                                                                                                                                                                           |             |             |      |    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |                                                                                                                                                                                                             |                                                                                       |                                         |                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                     |                                                                                           |                                                            |



| MINIMUM BEARING SURFACE AREA |               |                |                |
|------------------------------|---------------|----------------|----------------|
| PIPE SIZE                    | TEE AND PLUG  | 90 DEGREE BEND | 45 DEGREE BEND |
| 1-1/2"                       | 0.45 SQ. FT.  | 0.63 SQ. FT.   | 0.34 SQ. FT.   |
| 2"                           | 0.69 SQ. FT.  | 0.97 SQ. FT.   | 0.53 SQ. FT.   |
| 2-1/2"                       | 1.0 SQ. FT.   | 1.41 SQ. FT.   | 0.77 SQ. FT.   |
| 3"                           | 1.48 SQ. FT.  | 2.10 SQ. FT.   | 1.14 SQ. FT.   |
| 4"                           | 2.43 SQ. FT.  | 3.45 SQ. FT.   | 1.87 SQ. FT.   |
| 6"                           | 5.25 SQ. FT.  | 7.41 SQ. FT.   | 4.02 SQ. FT.   |
| 8"                           | 9.08 SQ. FT.  | 12.83 SQ. FT.  | 6.96 SQ. FT.   |
| 10"                          | 14.93 SQ. FT. | 21.07 SQ. FT.  | 11.44 SQ. FT.  |



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DEPARTMENT

THRUST BLOCKS

SCALE: NONE  
REVISED: JULY 2021  
REVIEWED BY: T. GEE  
APPROVED BY: J. GELLER

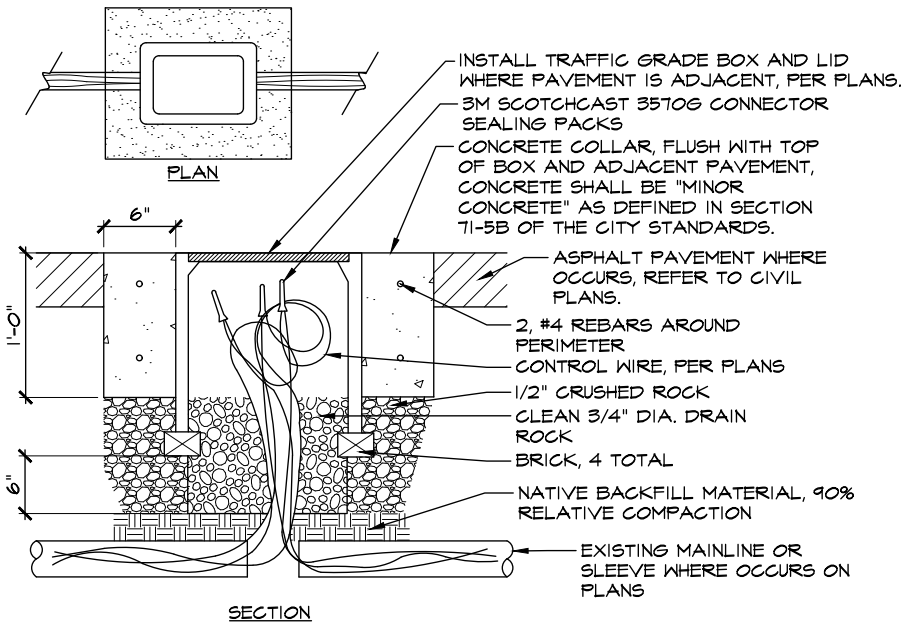
PK-10

- NOTES
1. SIZE THRUST BLOCKS AS SPECIFIED ABOVE.
  2. DO NOT ENCASE CONTROL WIRES IN THE CONCRETE.
  3. ALL FITTINGS MUST BE WRAPPED WITH POLYETHYLENE TO PREVENT CONCRETE FROM ADHERING TO BOLTS OR PIPES.
  4. JOINTS AND BOLTS SHALL BE ACCESSIBLE FOR REPAIRS.

1

L4.1

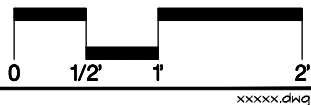
THRUST BLOCKS  
PLAN



4

L4.1

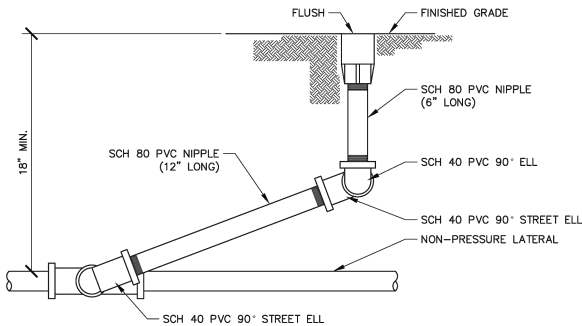
PULL BOX IN PAVEMENT  
SECTION



2

L4.1

POP-UP SPRAY  
SECTION





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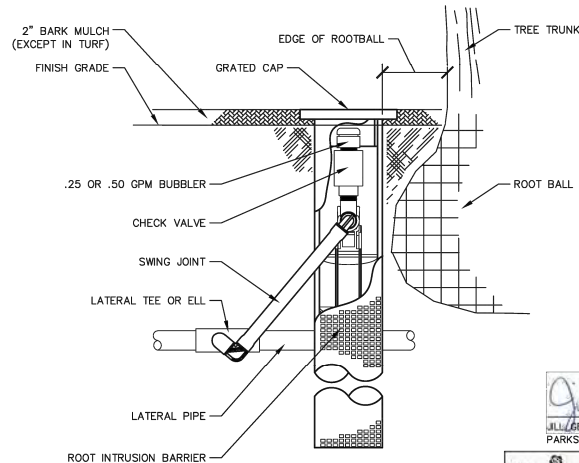
PARKS, RECREATION, & LIBRARIES  
DEPARTMENT

POP-UP SPRAY

SCALE: NONE  
REVISED: JULY 2021  
REVIEWED BY: T. GEE  
APPROVED BY: J. GELLER

PK-8

- NOTES
1. LOCATE HEAD 2" FROM WALKS, CURBS, HARDSCAPING, MOW STRIPS, AND HEADER BOARDS, OR AS REQUIRED BY CURRENT WELDO REGULATIONS.
  2. LOCATE SPRAY HEADS 12" FROM ALL STRUCTURES IN TURF AREAS AND 6" FROM ALL STRUCTURES IN GROUND-COVER AREAS.
  3. USE TEFLON TAPE ON ALL THREADED FITTINGS. DO NOT USE MARLEX FITTINGS.
  4. PREFABRICATED SWING JOINT ARE ALLOWED, UPON APPROVAL.
  5. 6" LONG SCH 80 PVC RISER NIPPLE NOT REQUIRED FOR 12" POPUP HEADS.





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DEPARTMENT

ROOT WATERING SYSTEM

SCALE: NONE  
REVISED: JULY 2021  
REVIEWED BY: T. GEE  
APPROVED BY: J. GELLER

PK-9

- NOTE
1. INSTALL FILTER FABRIC SLEEVE
  2. SEE PLANS AND SPECS FOR APPROVED MANUFACTURERS AND MODEL NUMBERS

3

L4.1

ROOT WATERING SYSTEM  
SECTION

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

| BENCH MARK                                                                                                                                      | ELEV. | SEE NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |           |

| FIELD BOOK   |
|--------------|
|              |
| SCALE        |
| HORIZ. _____ |
| VERT. _____  |



|                                                                                                                                                                                                                                           |      |         |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|--|
|  <div>CALLANDER ASSOCIATES<br/>12150 Tributary Point Drive, Suite 140, Gold River, CA 95670<br/>T 916.985.4366<br/>www.callanderassociates.com</div> |      |         |  |
| DESIGNED BY: AMANDA HOLTMAN                                                                                                                                                                                                               | DATE | 06/2023 |  |
| CHECKED BY: MELISSA RUTH                                                                                                                                                                                                                  | DATE | 06/2023 |  |
| DRAWN BY: BELINDA SETILFF                                                                                                                                                                                                                 | DATE | 06/2023 |  |



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
L4.1 - DETAILS



GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE CITY OF ROSEVILLE CONSTRUCTION AND IMPROVEMENTS STANDARDS (INCLUDING THE LATEST AMENDMENTS), STANDARD CONSTRUCTION SPECIFICATIONS, 2022 CALTRANS STANDARD SPECIFICATIONS (AND, REVISED STANDARD SPECIFICATIONS), 2022 STANDARD PLANS (AND REVISED STANDARD PLANS), AND THE LATEST EDITION OF THE CA MUTCD.
2. THE CONTRACTOR AGREES THAT, IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXEMPTING LIABILITY ARISING FROM THE NEGLIGENCE OF ENGINEER.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMITS NECESSARY TO PERFORM THE WORK SHOWN ON THESE PLANS FROM THE APPROPRIATE AGENCIES. REFER TO THE SPECIAL PROVISIONS FOR PERMITS NEEDED.
4. THESE PLANS ARE HEREBY MADE PART OF THE CONTRACT SPECIFICATIONS FOR THIS PROJECT.

VERIFICATION-LOCATION:

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING UNDERGROUND UTILITIES, WHETHER OR NOT THEY ARE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL CONTACT U.S.A. AND HAVE UTILITIES MARKED AT LEAST 72 HOURS BEFORE BEGINNING WORK. WHERE MARKINGS ARE NEAR PROPOSED FOUNDATIONS, THE CONTRACTOR SHALL LOCATE UNDERGROUND UTILITIES BY POT HOLING PRIOR TO EXCAVATING.
6. THE CONTRACTOR IS SOLELY RESPONSIBLE TO PROVIDE ALL LABOR AND EQUIPMENT NECESSARY TO LOCATE EXISTING UNDERGROUND FACILITIES BEYOND THE INFORMATION PROVIDED BY U.S.A. MARKING INCLUDING, BUT NOT LIMITED TO, METAL DETECTORS, WIRE LOCATIONS (OR WIRE LOCATING EQUIPMENT), AND POTHOLING.
7. LOCATIONS OF SIGNAL STANDARDS, CONTROLLERS, SERVICE PEDESTALS, PULL BOXES AND LOOP DETECTORS AS SHOWN ON THESE PLANS ARE APPROXIMATE. THE CONTRACTOR SHALL LOCATE THESE ITEMS AND THE ENGINEER SHALL APPROVE SAID LOCATIONS PRIOR TO EXCAVATION.
8. IN CASE OF BORING, CONTRACTOR SHALL VERIFY LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION.

TRAFFIC CONTROL PLANS:

9. TRAFFIC CONTROL SHALL BE PER THE LATEST EDITION OF THE CA MUTCD. AT LEAST ONE LANE IN EACH DIRECTION SHALL REMAIN OPEN TO TRAFFIC UNLESS OTHERWISE SHOWN ON THE PLANS. TRAFFIC CONTROL HOURS ARE SUBJECT TO LIMITATION BY THE CITY. TRAFFIC CONTROL WITH LANE CLOSURES THAT AFFECT TRAFFIC FLOW MAY REQUIRE NIGHT WORK. IF, AS A PART OF TRAFFIC CONTROL MEASURES, A ROADWAY CLOSURE HAS BEEN APPROVED, THE CONTRACTOR SHALL NOTIFY ENGINEERING DIVISION 72 HOURS IN ADVANCE OF SETTING UP THIS CLOSURE.
10. THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A WRITTEN TRAFFIC CONTROL PLAN REQUESTING TO DISCONNECT OR DISABLE ANY TRAFFIC SIGNAL COMPONENT OR SIGNAL INTERCONNECT WIRE WHERE AN IMMEDIATE SWITCH-OVER TO NEW EQUIPMENT IS NOT FEASIBLE. THIS WRITTEN NOTIFICATION SHALL INCLUDE DATE AND TIME OF DISCONNECT, DESCRIPTION OF WORK, INCLUDING LOOP INPUTS IF APPLICABLE, CONTACT PERSON, AND ESTIMATED DATE OF RECONNECTION. THIS REQUEST SHALL BE ON COMPANY LETTERHEAD, FAX OR VIA COMPANY E-MAIL. UPON APPROVAL OF REQUEST, THE CONTRACTOR SHALL NOTIFY THE INSPECTOR 48 HOURS PRIOR TO WORK TO VERIFY SCHEDULE. A COPY OF THE APPROVED REQUEST SHALL BE GIVEN TO THE SIGNAL TECHNICIAN DISCONNECTING THE REQUESTED SYSTEM. THIS COPY IS TO BE PLACED IN THE NEAREST CONTROLLER CABINET DURING THE COURSE OF WORK. REQUEST TO DISCONNECT OR DISABLE ANY TRAFFIC SIGNAL FOR A PERIOD LONGER THAN ONE (1) DAY OR A COMPONENT OF ANY TRAFFIC SIGNAL SYSTEM FOR A PERIOD LONGER THAN FIVE (5) WORKING DAYS WILL NOT BE APPROVED.
11. THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT A WRITTEN TRAFFIC CONTROL PLAN IF ANY (PARTIAL OR FULL) LANE CLOSURE IS NECESSARY. THIS WRITTEN NOTIFICATION SHALL INCLUDE DATE AND TIME, DESCRIPTION OF WORK, CONTACT PERSON AND ESTIMATED DATE OF COMPLETION. THIS REQUEST SHALL BE ON COMPANY LETTERHEAD, FAX, OR VIA COMPANY E-MAIL. THE CONTRACTOR SHALL NOTIFY THE ENGINEERING DIVISION 72 HOURS IN ADVANCE OF SETTING UP THE CLOSURE. UPON APPROVAL OF REQUEST, THE CONTRACTOR SHALL NOTIFY THE INSPECTOR 48 HOURS PRIOR TO WORK TO VERIFY SCHEDULE.
12. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGGERS OR OTHER DEVICES NECESSARY OR REQUIRED BY THE CITY TO PROVIDE SAFETY.
13. THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR POLICE, FIRE, AMBULANCE, AND THOSE AGENCIES RESPONSIBLE FOR MAINTENANCE OF UTILITIES IN THE VICINITY OF JOB SITE.
14. THE EXISTING TRAFFIC SIGNALS WITHIN THE PROJECT SHALL BE OPERATIONAL WEEKDAYS FROM 6:00 AM TO 10:00 AM AND FROM 3:00 PM TO 7:00 PM. WORK REQUIRING LONGER SIGNAL DOWN-TIME SHALL OCCUR AT NIGHT OR ON WEEKENDS SUBJECT TO APPROVAL AS DESCRIBED ABOVE.

A.C./CONCRETE-PAVEMENT WORK:

15. A.C. SURFACE SHALL BE CUT TO A NEAT, STRAIGHT LINE PARALLEL WITH THE STREET CENTERLINE AND THE EXPOSED EDGE SHALL BE TACKED WITH EMULSION PRIOR TO PAVING. THE EXPOSED BASE MATERIAL SHALL BE GRADED, RECOMPACTED, AND RESEALED PRIOR TO PAVING.
16. ANY EXISTING CONCRETE SURFACE TO BE REMOVED SHALL BE SAW CUT TO A NEAT, STRAIGHT LINE.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS ON THE JOB SITE.

SUBGRADE:

18. THE CONTRACTOR SHALL MARK IN WHITE PAINT ALL AREAS TO BE EXCAVATED PRIOR TO CONTACTING U.S.A. ANY AREAS NOT MARKED WILL NOT BE SUBJECT TO U.S.A. AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM EXCAVATION.
19. ALL UNDERGROUND UTILITIES WITHIN EXISTING OR PROPOSED CITY OF ROSEVILLE EASEMENTS SHALL REQUIRE A MINIMUM OF 90% COMPACTION ON THE TRENCH BACKFILL. COMPACTION OF BACKFILL BY JETTING IS NOT PERMITTED IN CITY OF ROSEVILLE RIGHT OF WAY AREAS OR WITHIN DEDICATED RECLAIMED WATER, STORM, SEWER OR WATER EASEMENTS AND MAINS.
20. THE UPPER SIX (6) INCHES OF THE SUB GRADE SHALL BE COMPACTED TO 95% MINIMUM RELATIVE COMPACTION.
21. PRIOR TO EXCAVATION OF TRENCHES 5 FEET OR DEEPER, THE CONTRACTOR SHALL SUBMIT TO THE PUBLIC WORKS DEPARTMENT OR ENVIRONMENTAL UTILITIES DEPARTMENT INSPECTOR A COPY OF THE COMPANY'S ANNUAL CALOSHA TRENCHING PERMIT AND A COPY OF THE COMPANY'S LETTER INFORMING CALOSHA OF THE TIME THE TRENCHING IS COMMENCING AND THE LOCATION OF THE WORK.
22. NO TRENCHING SHALL OCCUR BENEATH THE DRIP LINE OF ANY OAK TREE TO BE SAVED UNLESS STATED ON THESE PLANS "TRENCHING UNDER THIS TREE IS APPROVED".

SIGNAL:

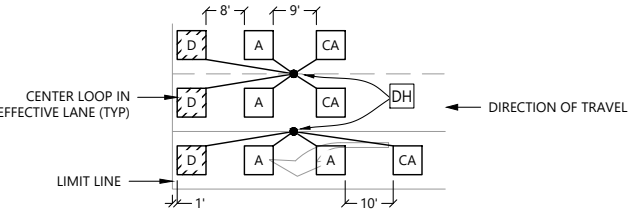
23. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL EQUIPMENT AND MATERIALS NECESSARY FOR THE SIGNAL TO OPERATE AS SHOWN IN THE PHASE DIAGRAM.
24. ALL SIGNAL SECTIONS SHALL HAVE FULL CIRCLE VISORS.
25. MOUNT VIDEO PAN, TILT, ZOOM CAMERA BELOW LUMINAIRE MAST ARM AS DIRECTED BY CITY ENGINEER.
26. SIGNAL HEADS TO REMAIN DARK FOR MORE THAN ONE WEEK SHALL BE COVERED WITH A COMMERCIALY AVAILABLE SIGNAL HEAD COVER. BURLAP SACKS AND/OR PLYWOOD WILL NOT BE ALLOWED.
27. ALL LOOP DETECTOR HANDHOLES (DHH'S) SHALL BE INSTALLED ON THE LANE LINES, EACH DHH SHALL BE CONNECTED TO ITS OWN UNIQUE CONDUIT THAT RUNS DIRECTLY FROM THE DHH TO A NUMBER 6 PULL BOX LOCATED IN THE SIDEWALK, ADJACENT TO THE DHH IN THE SAME DIRECTION OF TRAVEL. NO MULTIPLE DHH'S SHALL BE ALLOWED THAT ARE CONNECTED TO THE SAME CONDUIT RUN.
28. ALL DHH'S SHALL BE INSTALLED PER LATEST INSTALLMENT OF THE STATE OF CALIFORNIA STANDARD PLANS.
29. UNLESS OTHERWISE SPECIFIED, ALL PULL BOXES SHALL BE FIBRELYTE FL36, OR CITY-APPROVED EQUIVALENT.

RESTORATION:

30. ALL EXISTING UTILITIES AND IMPROVEMENTS, INCLUDING SUBSTRUCTURES, THAT ARE DAMAGED BY THE CONTRACTOR, WHICH ARE NOT DESIGNATED BY THE PLANS OR SPECIFICATIONS TO BE DISTURBED, SHALL BE RESTORED OR REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
31. CONTRACTOR SHALL REPLACE ANY DAMAGED SIDEWALK, CURB, OR GUTTER BETWEEN JOINTS AND/OR SCORE LINES.

MISC:

32. THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION MEETING ONE-WEEK PRIOR TO STARTING WORK. MEMBERS OF THE CITY OF ROSEVILLE ENGINEERING DIVISION, ENVIRONMENTAL UTILITIES DEPARTMENT, AND ALL OTHER UTILITY REPRESENTATIVES SHALL BE NOTIFIED BY THE CONTRACTOR AS TO THE DATE AND LOCATION OF THE MEETING.
33. SHOULD IT APPEAR THAT THE WORK TO BE DONE OR ANY MATTER RELATIVE THERETO IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS, THE CONTRACTOR SHALL REQUEST IN WRITING FROM THE ENGINEER SUCH FURTHER EXPLANATION AS MAY BE NECESSARY.
34. PARKING OF VEHICLES AND EQUIPMENT OR STORAGE OF MATERIALS UNDER THE DRIPLINE OF TREES SHALL NOT OCCUR AT ANY TIME.
35. THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

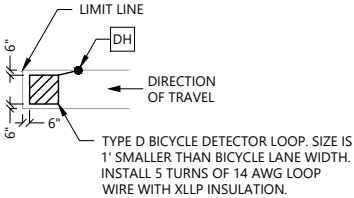


| LEGEND |                     |
|--------|---------------------|
| A      | TYPE "A" LOOP       |
| D      | TYPE "D" LOOP       |
| CA     | TYPE "A" COUNT LOOP |

- NOTES:
- ALL LOOPS ARE WOUND CLOCKWISE.
  - CENTER LOOPS IN EFFECTIVE AREA.
  - HANDHOLES SHALL BE PLACED BETWEEN PRESENCE & COUNT LOOPS IN THE THROUGH LANES.

TYPICAL LOOP DETECTOR

NOT TO SCALE

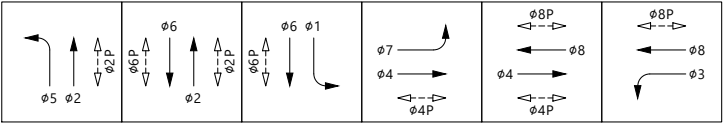
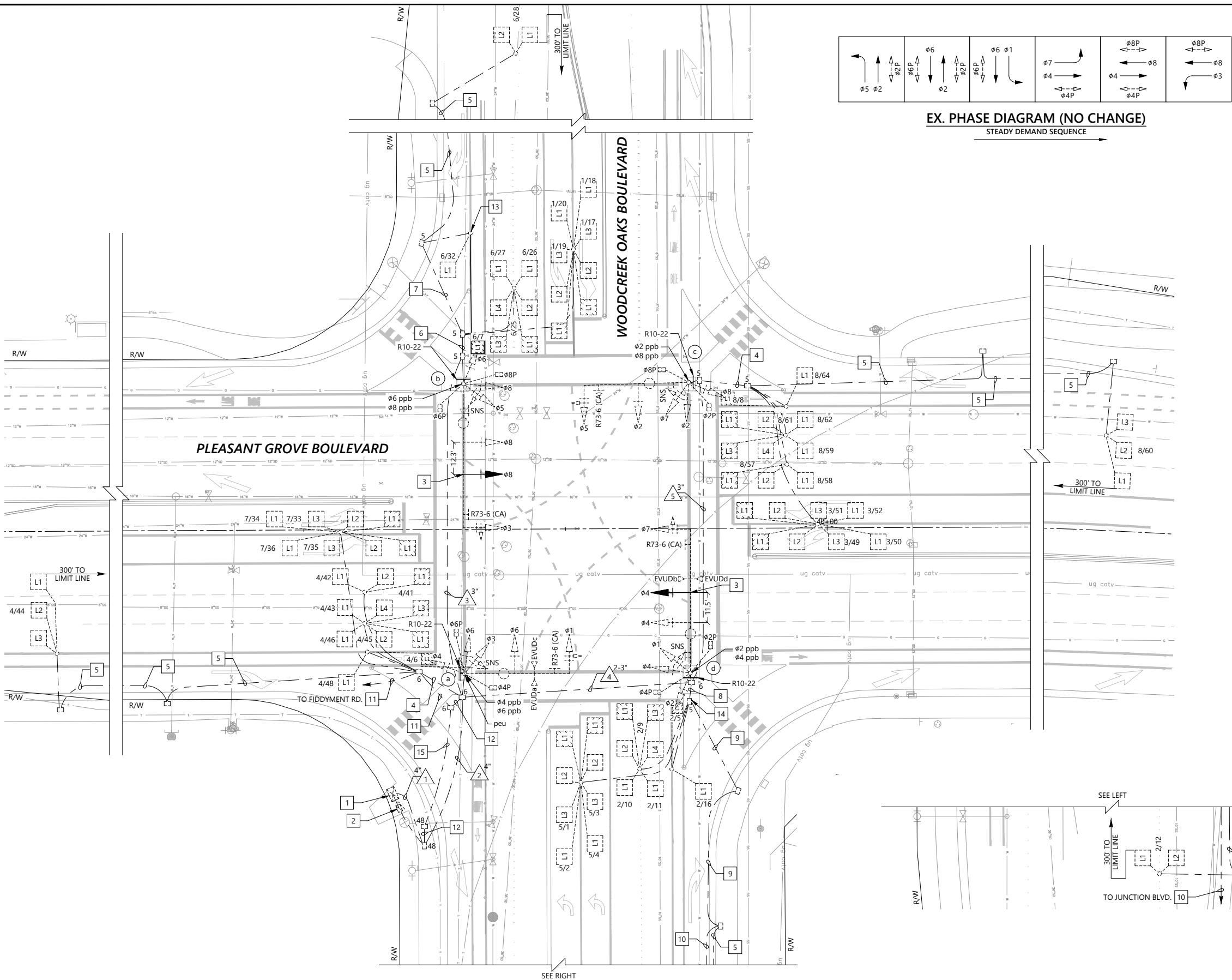


TYPICAL BICYCLE DETECTOR LOOP PLACEMENT

NOT TO SCALE

| REVISIONS |             |      |    | BENCH MARK                                                                                                                                      | ELEV. SEE NOTES | FIELD BOOK                                         | FEHR & PEERS                                                                      | P S O M A S                                                                                                                                                    | REGISTERED PROFESSIONAL ENGINEER<br>DANIEL LEE MURPHY<br>No. 90527<br>Exp. 12-31-25<br>STATE OF CALIFORNIA | PLEASANT GROVE BOULEVARD<br>WIDENING PROJECT<br>TRAFFIC SIGNALS AND LIGHTING<br>GENERAL NOTES AND DETAILS | SHEET<br>91<br>OF<br>99 |
|-----------|-------------|------|----|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------|
| NO.       | DESCRIPTION | DATE | BY |                                                                                                                                                 |                 |                                                    |                                                                                   |                                                                                                                                                                |                                                                                                            |                                                                                                           |                         |
|           |             |      |    | THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |                 | SCALE<br>HORIZ. <u>N.A.</u><br>VERT. <u>      </u> | 1013 Galleria Boulevard<br>Suite 255<br><br>Roseville, CA 95678<br>(916) 773-1900 | DESIGNED BY: <u>DANNY MURPHY</u> DATE <u>06/2023</u><br>CHECKED BY: <u>KRISTIN CALIA</u> DATE <u>06/2023</u><br>DRAWN BY: <u>EVAN MORI</u> DATE <u>06/2023</u> |                                                                                                            |                                                                                                           |                         |
|           |             |      |    |                                                                                                                                                 |                 |                                                    |                                                                                   |                                                                                                                                                                |                                                                                                            |                                                                                                           |                         |
|           |             |      |    |                                                                                                                                                 |                 |                                                    |                                                                                   |                                                                                                                                                                |                                                                                                            |                                                                                                           |                         |
|           |             |      |    |                                                                                                                                                 |                 |                                                    |                                                                                   |                                                                                                                                                                |                                                                                                            |                                                                                                           |                         |

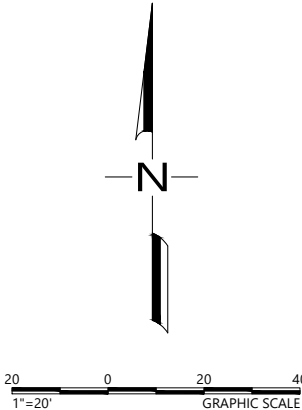
Xrefs: x-4099\_borderly-4099\_planly-4099\_utili-exl-4099\_geonly-4099\_stripg-4099\_rwl x-4099\_stripg-exl-4099\_signal-exl-4099\_planorigk-4099\_utili  
Images:



EX. PHASE DIAGRAM (NO CHANGE)  
STEADY DEMAND SEQUENCE

PROJECT NOTES (THIS SHEET ONLY):

- 1 EX. 2070 CONTROLLER AND TYPE P CABINET TO REMAIN. LAND NEW DLC IN CABINET.
- 2 EX. ELECTRICAL SERVICE PEDESTAL TO REMAIN.
- 3 INSTALL SIGNAL HEAD ON EX. TENON.
- 4 EX. 3°C, 12 DLC.
- 5 EX. 2°C, 1 DLC.
- 6 EX. 3°C, 9 DLC. INSTALL 1 DLC (BIKE).
- 7 EX. 2.5°C, 2 DLC. INSTALL 1 DLC (BIKE).
- 8 EX. 3°C, 9 DLC, 72FOC. INSTALL 1 DLC (BIKE).
- 9 EX. 2.5°C, 1 DLC, 72FOC.
- 10 EX. 2°C, 72FOC TO JUNCTION BLVD.
- 11 EX. 3°C, 144FOC, 24FOC, 12FOC.
- 12 EX. 3°C, 72FOC.
- 13 INSTALL NEW LOOP INTO EX. DH.
- 14 SPLICE NEW DLC TO EX. BIKE LOOP WIRES.
- 15 EX. 4°C, 144FOC, 72FOC, 24FOC, 12FOC.



PLEASANT GROVE BLVD. 45 MPH  
WOODCREEK OAKS BLVD. 40 MPH

POSTED SPEED

EVUDa = phi 2 + phi 5  
EVUDb = phi 4 + phi 7  
EVUDc = phi 1 + phi 6  
EVUDd = phi 3 + phi 8

EMERGENCY VEHICLE PREEMPTION

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

BENCH MARK ELEV. SEE NOTES  
THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET.

| FIELD BOOK  |
|-------------|
| SCALE       |
| HORIZ. 1:20 |
| VERT.       |

**FEHR PEERS**  
1013 Galleria Boulevard  
Suite 255  
Roseville, CA 95678  
(916) 773-1900

**PSOMAS**  
1075 Creekside Ridge Way, Suite 200 Roseville, CA 95678 (916) 788-8122  
DESIGNED BY: DANNY MURPHY DATE 06/2023  
CHECKED BY: KRISTIN CALIA DATE 06/2023  
DRAWN BY: EVAN MORI DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC SIGNAL MODIFICATION  
PLEASANT GROVE BLVD / WOODCREEK OAKS BLVD

E-2

SHEET  
92  
OF  
99

Xrefs: x-4099\_borderjk-4099\_planjk-4099\_utili-exk-4099\_geonjk-4099\_striping-exk-4099\_signal-exk-4099\_signal-exk-4099\_planorjgk-4099\_utili  
Images:

| CONDUCTOR SCHEDULE |               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|--------------------|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| AWG<br>OR<br>CABLE | POLE/CIRCUIT  | CONDUIT RUN                                                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|                    |               |  |  |  |  |  |
| NO. 14             | ø1            | (3)                                                                               | (3)                                                                               |                                                                                   | (3)                                                                               |                                                                                   |
|                    | ø2            | (3)                                                                               | (3)                                                                               |                                                                                   | (3)                                                                               | (3)                                                                               |
|                    | ø3            | (3)                                                                               | (3)                                                                               | (3)                                                                               |                                                                                   |                                                                                   |
|                    | ø4            | (3)                                                                               | (3)                                                                               |                                                                                   | (3)                                                                               |                                                                                   |
|                    | ø5            | (3)                                                                               | (3)                                                                               | (3)                                                                               | (3)                                                                               | (3)                                                                               |
|                    | ø6            | (3)                                                                               | (3)                                                                               | (3)                                                                               |                                                                                   |                                                                                   |
|                    | ø7            | (3)                                                                               | (3)                                                                               |                                                                                   | (3)                                                                               | (3)                                                                               |
|                    | ø8            | (3)                                                                               | (3)                                                                               | (3)                                                                               | (3)                                                                               | (3)                                                                               |
|                    | ø2P           | (2)                                                                               | (2)                                                                               |                                                                                   | (2)                                                                               | (2)                                                                               |
|                    | ø4P           | (2)                                                                               | (2)                                                                               |                                                                                   | (2)                                                                               |                                                                                   |
|                    | ø6P           | (2)                                                                               | (2)                                                                               | (2)                                                                               |                                                                                   |                                                                                   |
|                    | ø8P           | (2)                                                                               | (2)                                                                               | (2)                                                                               | (2)                                                                               | (2)                                                                               |
|                    | PPB (ø2P)     | (1)                                                                               | (1)                                                                               |                                                                                   | (1)                                                                               | (1)                                                                               |
|                    | PPB (ø4P)     | (1)                                                                               | (1)                                                                               |                                                                                   | (1)                                                                               |                                                                                   |
|                    | PPB (ø6P)     | (1)                                                                               | (1)                                                                               | (1)                                                                               |                                                                                   |                                                                                   |
| NO. 12             | PPB (ø8P)     | (1)                                                                               | (1)                                                                               | (1)                                                                               | (1)                                                                               | (1)                                                                               |
|                    | SPARES        | (3)                                                                               | (3)                                                                               | (3)                                                                               | (3)                                                                               | (3)                                                                               |
|                    | PEU           |                                                                                   | (3)                                                                               |                                                                                   |                                                                                   |                                                                                   |
| NO. 10             | TOTAL         | (39)                                                                              | (42)                                                                              | (21)                                                                              | (30)                                                                              | (21)                                                                              |
|                    | PPB COMMON    | (1)                                                                               | (1)                                                                               | (1)                                                                               | (1)                                                                               | (1)                                                                               |
|                    | PULLWIRE      | (2)                                                                               | (2)                                                                               | (2)                                                                               | (2)                                                                               | (2)                                                                               |
| NO. 8              | TOTAL         | (3)                                                                               | (3)                                                                               | (3)                                                                               | (3)                                                                               | (3)                                                                               |
|                    | LUMINAIRE     |                                                                                   | (2)                                                                               | (2)                                                                               | (2)                                                                               | (2)                                                                               |
|                    | SIGNAL COMMON | (1)                                                                               | (1)                                                                               | (1)                                                                               | (1)                                                                               | (1)                                                                               |
| DLC                | ø1            | (4)                                                                               | (4)                                                                               | (4)                                                                               |                                                                                   |                                                                                   |
|                    | ø2            | <b>1</b> (5)                                                                      | <b>1</b> (5)                                                                      |                                                                                   | <b>1</b> (5)                                                                      |                                                                                   |
|                    | ø3            | (4)                                                                               | (4)                                                                               |                                                                                   | (4)                                                                               | (4)                                                                               |
|                    | ø4            | (8)                                                                               | (8)                                                                               |                                                                                   |                                                                                   |                                                                                   |
|                    | ø5            | (4)                                                                               | (4)                                                                               |                                                                                   | (4)                                                                               |                                                                                   |
|                    | ø6            | <b>1</b> (5)                                                                      | <b>1</b> (5)                                                                      | <b>1</b> (5)                                                                      |                                                                                   |                                                                                   |
|                    | ø7            | (4)                                                                               | (4)                                                                               |                                                                                   |                                                                                   |                                                                                   |
|                    | ø8            | (8)                                                                               | (8)                                                                               |                                                                                   | (8)                                                                               | (8)                                                                               |
|                    | TOTAL         | <b>2</b> (42)                                                                     | <b>2</b> (42)                                                                     | <b>1</b> (9)                                                                      | <b>1</b> (21)                                                                     | (12)                                                                              |
| EVUC               | EVUDa         | (1)                                                                               | (1)                                                                               |                                                                                   |                                                                                   |                                                                                   |
|                    | EVUDb         | (1)                                                                               | (1)                                                                               |                                                                                   | (1)                                                                               |                                                                                   |
|                    | EVUDc         | (1)                                                                               | (1)                                                                               |                                                                                   |                                                                                   |                                                                                   |
|                    | EVUDd         | (1)                                                                               | (1)                                                                               |                                                                                   | (1)                                                                               |                                                                                   |
|                    | TOTAL         | (4)                                                                               | (4)                                                                               |                                                                                   | (2)                                                                               |                                                                                   |
| SIC                | 72 SMFO       | (1)                                                                               |                                                                                   |                                                                                   | (1)                                                                               |                                                                                   |
| CAT-5 (CAMERA)     |               | (1)                                                                               | (1)                                                                               |                                                                                   |                                                                                   |                                                                                   |
| CONDUIT SIZE       |               | (4")                                                                              | (4")                                                                              | (3")                                                                              | (2-3")                                                                            | (3")                                                                              |
| PERCENT FILL       |               | 38                                                                                | 38                                                                                | 19                                                                                | 19                                                                                | 21                                                                                |

NOTES:  
**XX** INDICATES NEW CONDUCTORS.  
(XX) INDICATES EX. CONDUCTORS TO REMAIN.  
CONTRACTOR SHALL REMOVE ANY EX. CONDUCTORS NOT SHOWN TO REMAIN.  
CONTRACTOR SHALL VERIFY THE EX. CONDUCTORS SHOWN ABOVE.

| EQUIPMENT SCHEDULE                                                                  |          |                    |                       |               |                          |         |                                  |                 |               |                          |                                                               |
|-------------------------------------------------------------------------------------|----------|--------------------|-----------------------|---------------|--------------------------|---------|----------------------------------|-----------------|---------------|--------------------------|---------------------------------------------------------------|
| LOCATION                                                                            | STANDARD |                    |                       | LED LUMINAIRE | VEHICLE SIGNAL MOUNTING  |         | PEDESTRIAN<br>SIGNAL<br>MOUNTING | PED PUSH BUTTON |               | HPS LUMINAIRE<br>WATTAGE | REMARKS                                                       |
|                                                                                     | TYPE     | SIGNAL MAST<br>ARM | LUMINAIRE<br>MAST ARM |               | MAST ARM                 | POLE    |                                  | Ø               | ARROW         |                          |                                                               |
|  | 26-4-70  | 40'                | 15'                   | 400W EQUIV.   | MAT<br>MAS               | SV-3-TA | SP-1-CS<br>SP-1-CS               | 4<br>6          | RIGHT<br>LEFT | 400W                     | INSTALL R10-22 SIGN ON POLE.                                  |
|  | 29-5-70  | 55'                | 15'                   | 400W EQUIV.   | MAT<br><b>MAS</b><br>MAS | SV-3-TA | SP-1-CS<br>SP-1-CS               | 6<br>8          | RIGHT<br>LEFT | 400W                     | INSTALL NEW SIGNAL ON EX. TENON. INSTALL R10-22 SIGN ON POLE. |
|  | 26-4-70  | 40'                | 15'                   | 400W EQUIV.   | MAT<br>MAS               | SV-3-TA | SP-1-CS<br>SP-1-CS               | 2<br>8          | LEFT<br>RIGHT | 400W                     | INSTALL R10-22 SIGN ON POLE.                                  |
|  | 29-5-70  | 55'                | 15'                   | 400W EQUIV.   | MAT<br><b>MAS</b><br>MAS | SV-3-TA | SP-1-CS<br>SP-1-CS               | 2<br>4          | RIGHT<br>LEFT | 400W                     | INSTALL NEW SIGNAL ON EX. TENON. INSTALL R10-22 SIGN ON POLE. |

ALL NEW EQUIPMENT INDICATED WITH **BOLD TEXT**.

REVISIONS

| NO. | DESCRIPTION | DATE | BY |
|-----|-------------|------|----|
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|     |             |      |    |

BENCH MARK

ELEV. SEE NOTES

THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET.

FIELD BOOK

SCALE

HORIZ. N.A.

VERT.

FEHR & PEERS

1013 Galleria Boulevard  
Suite 255

Roseville, CA 95678  
(916) 773-1900

PSOMAS

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DESIGNED BY: DANNY MURPHY      DATE 06/2023

CHECKED BY: KRISTIN CALIA      DATE 06/2023

DRAWN BY: EVAN MORI      DATE 06/2023

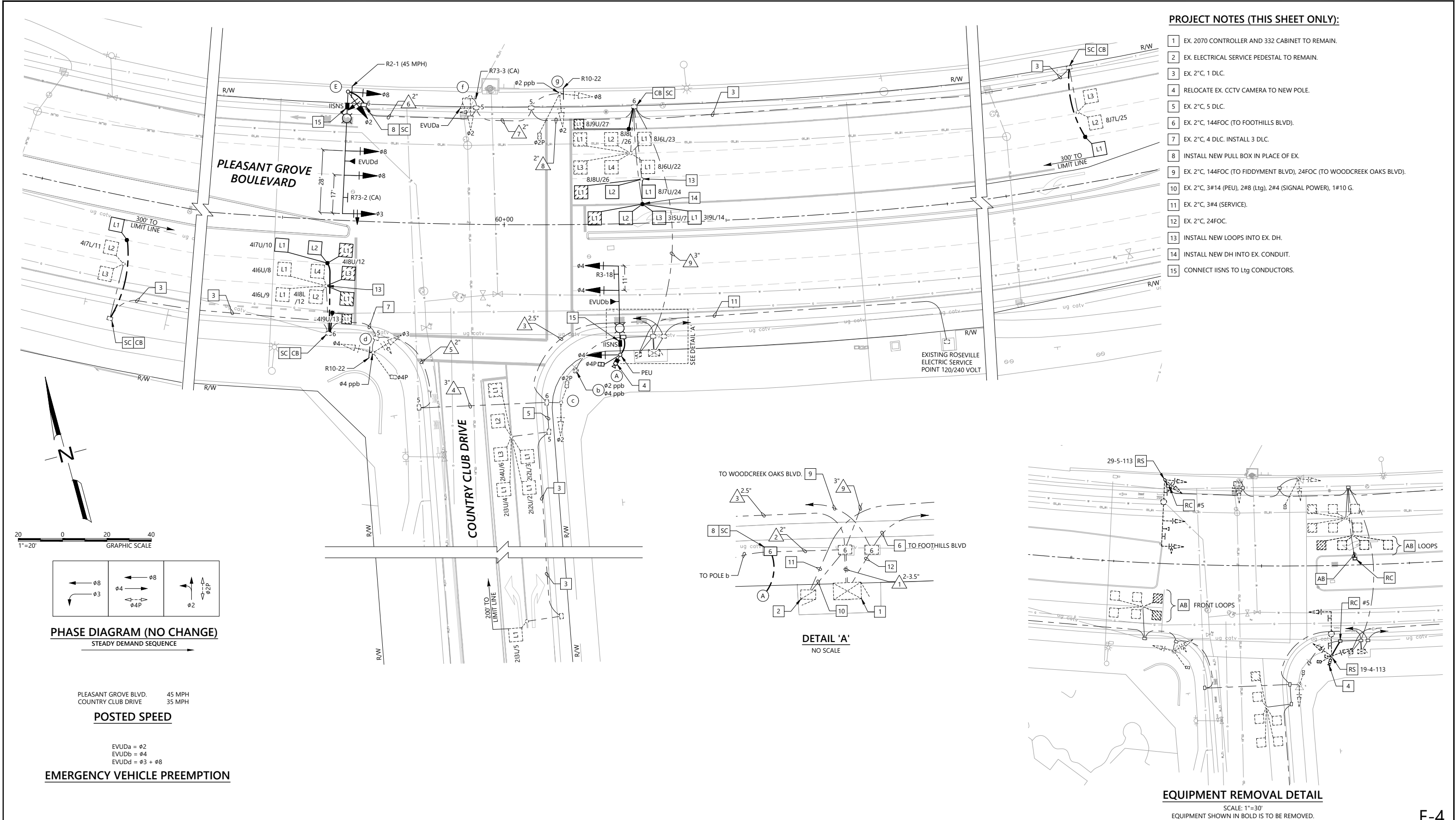


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC SIGNAL SCHEDULES  
PLEASANT GROVE BLVD / WOODCREEK OAKS BLVD

SHEET  
93  
OF  
99

Plotted: 06/21/2023 10:21:21. | Drawing: 4099-Signals.dwg | Layout: E-3 | By: dmurphy

Xrefs: x-4099\_borderly-4099\_planly-4099\_utili-exk-4099\_geomly-4099\_stripgnk-4099\_rwl x-4099\_stripg-exk-4099\_signal-exk-4099\_planorjgk-4099\_untl  
Images:



| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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**BENCH MARK** ELEV. SEE NOTES

THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET.

| FIELD BOOK |  |
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|            |  |
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**FEHR & PEERS**

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**PSOMAS**

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DESIGNED BY: DANNY MURPHY DATE 06/2023  
CHECKED BY: KRISTIN CALIA DATE 06/2023  
DRAWN BY: EVAN MORI DATE 06/2023



**PLEASANT GROVE BOULEVARD  
WIDENING PROJECT**

TRAFFIC SIGNAL MODIFICATION  
PLEASANT GROVE BLVD / COUNTRY CLUB DR



Xrefs: x-4099\_borderly-4099\_plan1jk-4099\_utili-exk-4099\_striping-exk-4099\_signal-exk-4099\_signal-exk-4099\_planorigjk-4099\_utili  
Images:

| CONDUCTOR SCHEDULE |                 |            |              |              |              |              |              |              |              |              |              |
|--------------------|-----------------|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| AWG<br>OR<br>CABLE | POLE/CIRCUIT    |            | CONDUIT RUN  |              |              |              |              |              |              |              |              |
|                    |                 |            | <div>1</div> | <div>2</div> | <div>3</div> | <div>4</div> | <div>5</div> | <div>6</div> | <div>7</div> | <div>8</div> | <div>9</div> |
| 12 COND<br>CABLE   | <div>A</div>    | φ4, φ4P    | 1            | 1            |              |              |              |              |              |              |              |
|                    | <div>E</div>    | φ2, φ3, φ8 | 2            |              |              |              |              | 2            | 2            | 2            | 2            |
|                    | TOTAL           |            | 3            | 1            |              |              |              | 2            | 2            | 2            | 2            |
| NO. 14             | φ2              |            | (3)          |              | (3)          |              |              |              | (3)          | (3)          | (3)          |
|                    | φ3              |            | (3)          |              | (3)          | (3)          | (3)          |              |              |              |              |
|                    | φ4              |            | (3)          |              | (3)          | (3)          | (3)          |              |              |              |              |
|                    | φ8              |            | (3)          |              |              |              |              |              |              | (3)          | (3)          |
|                    | φ2P             |            | (2)          |              | (2)          |              |              |              |              | (2)          | (2)          |
|                    | φ4P             |            | (2)          |              | (2)          | (2)          | (2)          |              |              |              |              |
|                    | PPB (φ2P)       |            | (1)          | (1)          |              |              |              |              |              | (1)          | (1)          |
|                    | PPB (φ4P)       |            | (1)          | (1)          | (1)          | (1)          | (1)          |              |              |              |              |
|                    | PPB COMMON      |            | (1)          | (1)          | (1)          | (1)          | (1)          |              |              | (1)          | (1)          |
|                    | SPARES          |            | (3)          |              | (3)          | (3)          | (3)          |              | (3)          | (3)          | (3)          |
|                    | PEU             |            |              | (3)          |              |              |              |              |              |              |              |
|                    | TOTAL           |            | (22)         | (6)          | (18)         | (13)         | (13)         |              | (6)          | (13)         | (13)         |
| NO. 10             | SIGNAL COMMON   |            | (1)          | (1)          | (1)          | (1)          | (1)          |              | (1)          | (1)          | (1)          |
|                    | GROUND          |            | (1)          | (1)          | (1)          | (1)          | (1)          | (1)          | (1)          | (1)          | (1)          |
|                    | TOTAL           |            | (2)          | (2)          | (2)          | (2)          | (2)          | (1)          | (2)          | (2)          | (2)          |
| NO. 8              | LUMINAIRE/IISNS |            |              | (2)          |              |              |              | (2)          | (2)          | (2)          | (2)          |
| NO. 4              | SIGNAL POWER    |            | (2)          |              |              |              |              |              |              |              |              |
| DLC                | φ2              |            | (5)          |              | (5)          |              |              |              |              |              |              |
|                    | φ3              |            | (2)          |              |              |              |              |              |              |              | (2)          |
|                    | φ4              |            | 3(4)         |              | 3(4)         | 3(4)         | 3(4)         |              |              |              |              |
|                    | φ8              |            | 3(4)         |              |              |              |              |              |              |              | 3(4)         |
|                    | TOTAL           |            | 6(15)        |              | 3(9)         | 3(4)         | 3(4)         |              |              |              | 3(6)         |
| EVUC               | EVUDa           |            | (1)          |              |              |              |              |              | (1)          | (1)          | (1)          |
|                    | EVUDb           |            | 1            | 1            |              |              |              |              |              |              |              |
|                    | EVUDd           |            | 1            |              |              |              |              | 1            | 1            | 1            | 1            |
|                    | TOTAL           |            | 2(1)         | 1            |              |              |              | 1            | 1(1)         | 1(1)         | 1(1)         |
| CCTV CABLE         |                 |            | 1            | 1            |              |              |              |              |              |              |              |
| CONDUIT SIZE       |                 |            | (2-3.5")     | (2")         | (2.5")       | (3")         | (2")         | (2")         | (2")         | (2")         | (3")         |
| PERCENT FILL       |                 |            | 19           | 26           | 28           | 12           | 26           | 29           | 37           | 41           | 28           |

NOTES:  
XX INDICATES NEW CONDUCTORS.  
(XX) INDICATES EX. CONDUCTORS TO REMAIN.  
CONTRACTOR SHALL REMOVE ANY EX. CONDUCTORS NOT SHOWN TO REMAIN.  
CONTRACTOR SHALL VERIFY THE EX. CONDUCTORS SHOWN ABOVE.

| EQUIPMENT SCHEDULE |           |                    |                       |               |                         |         |                                  |                 |               |                      |                                                               |
|--------------------|-----------|--------------------|-----------------------|---------------|-------------------------|---------|----------------------------------|-----------------|---------------|----------------------|---------------------------------------------------------------|
| LOCATION           | STANDARD  |                    |                       | LED LUMINAIRE | VEHICLE SIGNAL MOUNTING |         | PEDESTRIAN<br>SIGNAL<br>MOUNTING | PED PUSH BUTTON |               | IISNS                | REMARKS                                                       |
|                    | TYPE      | SIGNAL MAST<br>ARM | LUMINAIRE<br>MAST ARM |               | MAST ARM                | POLE    |                                  | Ø               | ARROW         |                      |                                                               |
| <div>A</div>       | 26-4-100  | 40'                | 15'                   | 250W EQUIV.   | MAT<br>MAS<br>MAS       | SV-1-T  | SP-1-CS                          | —               | —             | COUNTRY CLUB<br>BLVD | INSTALL R3-18 ON SMA.                                         |
| <div>b</div>       | PPB POST  | —                  | —                     | —             | —                       | —       | —                                | 2<br>4          | LEFT<br>RIGHT | —                    |                                                               |
| <div>c</div>       | 1-B       | —                  | —                     | —             | —                       | TV-1-T  | SP-1-CS                          | —               | —             | —                    |                                                               |
| <div>d</div>       | 1-B       | —                  | —                     | —             | —                       | TV-2-T  | SP-1-CS                          | 4               | LEFT          | —                    | INSTALL R10-22 SIGN ON POLE.                                  |
| <div>E</div>       | 29-5-100  | 55'                | 15'                   | 250W EQUIV.   | MAT<br>MAS<br>MAS       | SV-2-TB | —                                | —               | —             | COUNTRY CLUB<br>BLVD | INSTALL R2-1 SIGN (45 MPH) ON POLE. INSTALL R73-2(CA) ON SMA. |
| <div>f</div>       | 1-B (13') | —                  | —                     | —             | —                       | SV-1-T  | —                                | —               | —             | —                    |                                                               |
| <div>g</div>       | 1-B       | —                  | —                     | —             | —                       | TV-2-T  | SP-1-CS                          | 2               | RIGHT         | —                    | INSTALL R10-22 SIGN ON POLE.                                  |

ALL NEW EQUIPMENT INDICATED WITH BOLD TEXT.

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
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|           |             |      |    |

| BENCH MARK                                                                                                                                      | ELEV. | SEE NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |       |           |

| FIELD BOOK          |
|---------------------|
|                     |
| SCALE               |
| HORIZ. <u>N.A.</u>  |
| VERT. <u>      </u> |

FEHR & PEERS

1013 Galleria Boulevard  
Suite 255

Roseville, CA 95678  
(916) 773-1900

PSOMAS

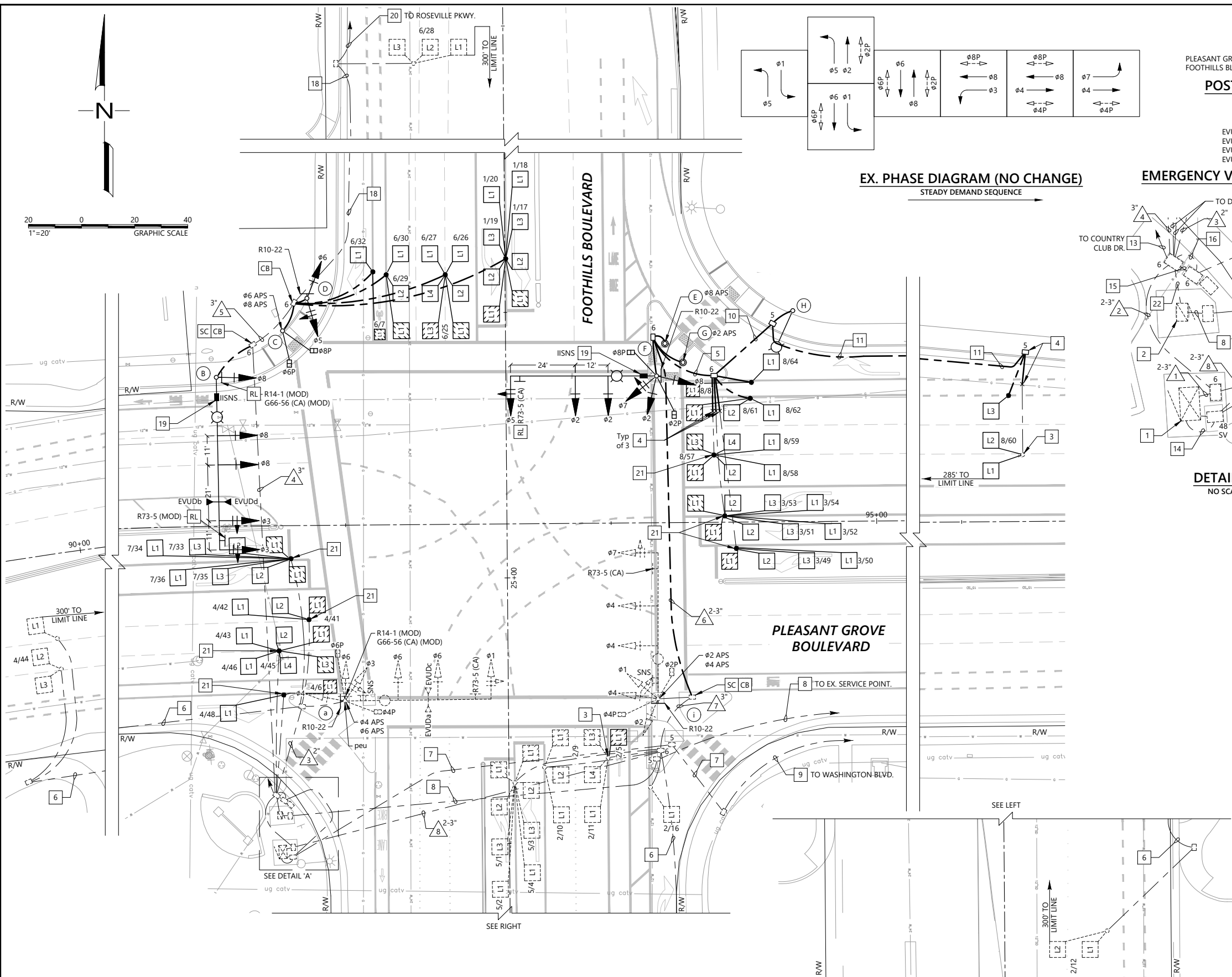
1075 Creekside Ridge Way, Suite 200 Roseville, CA 95678 (916) 788-8122

DESIGNED BY: DANNY MURPHY DATE 06/2023  
CHECKED BY: KRISTIN CALIA DATE 06/2023  
DRAWN BY: EVAN MORI DATE 06/2023

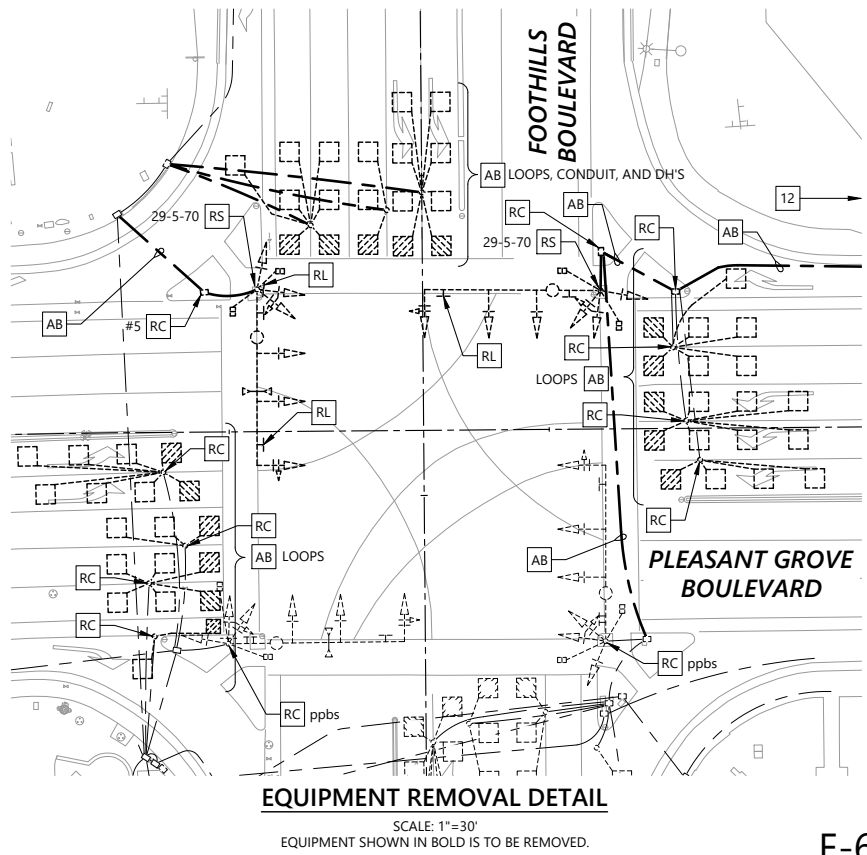
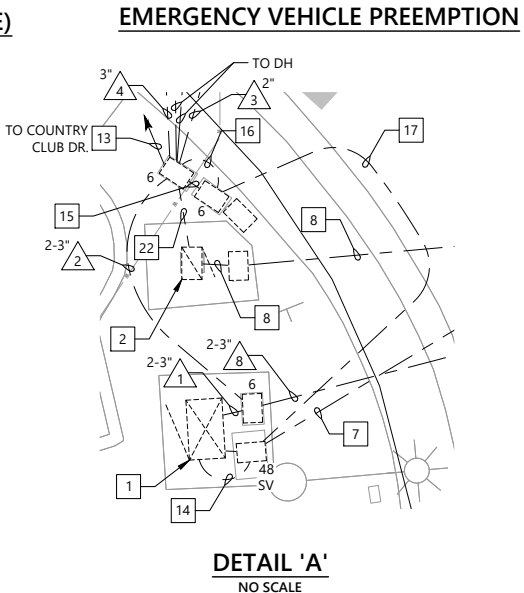


PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC SIGNAL SCHEDULES  
PLEASANT GROVE BLVD / COUNTRY CLUB DR

Xrefs: x-4099\_borderly-4099\_planlx-4099\_geonlx-4099\_stripg-4099\_rwl x-4099\_stripg-ex-4099\_signal-ex-4099\_planoriglx-4099\_cmt  
Images: Plotted: 06/21/2023 10:21:34. | Drawing: 4099-Signals.dwg | Layout: E-6 | By: dmurphy



- PROJECT NOTES (THIS SHEET ONLY):**
- 1 EX. 2070 CONTROLLER AND TYPE P CABINET TO REMAIN. LAND NEW DLC IN CABINET. INSTALL POLARA IN2 CENTRAL CONTROL UNIT IN CABINET.
  - 2 EX. ELECTRICAL SERVICE PEDESTAL TO REMAIN.
  - 3 INSTALL NEW LOOP WIRES INTO EX. DH.
  - 4 REMOVE EX. PULL BOX AND EXTEND CONDUIT TO NEW PULL BOX.
  - 5 3"C, 14 DLC, 2#10 (Ltg), 1#10 G.
  - 6 EX. 2"C, 1 DLC.
  - 7 EX. 2"C, 2#8, 24FOC.
  - 8 EX. 2"C, 3#4 TO SERVICE POINT.
  - 9 EX. 2"C, 24FOC, TO WASHINGTON BLVD.
  - 10 3"C, 1 DLC, 2#10 (Ltg), 1#10 G.
  - 11 2"C, 1 DLC.
  - 12 ABANDON WESTBOUND INTERMEDIATE LOOPS AND ADVANCE LOOPS. ABANDON ASSOCIATED CONDUIT, EXCEPT AS NOTED, AND REMOVE ASSOCIATED PULL BOXES.
  - 13 EX. 2"C, 1 DLC (LOCATOR), 144FOC.
  - 14 EX. 3"C, 2#8, 2 12FOC tact, 1 DLC.
  - 15 EX. 3", 144FOC, 1 DLC (LOCATOR)
  - 16 EX. 2"C, 1 DLC, 24FOC.
  - 17 EX. 3"C, 1 DLC, 144FOC, 24FOC.
  - 18 EX. 2"C, 1 DLC, 24FOC.
  - 19 CONNECT IISNS TO Ltg CONDUCTORS.
  - 20 EX. 2"C, 24FOC TO ROSEVILLE PKWY.
  - 21 INSTALL NEW DH INTO EX. CONDUIT.
  - 22 EX. 2"C, 2#6 (SIGNAL PWR), 2#10 (Ltg), 3#14 (PEU), 1#10 G.



| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

**BENCH MARK** ELEV. SEE NOTES

THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET.

| FIELD BOOK  |  |
|-------------|--|
| SCALE       |  |
| HORIZ. 1:20 |  |
| VERT.       |  |

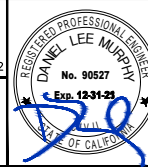
**FEHR & PEERS**

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Roseville, CA 95678  
(916) 773-1900

**PSOMAS**

1075 Creekside Ridge Way, Suite 200 Roseville, CA 95678 (916) 788-8122

DESIGNED BY: DANNY MURPHY DATE 06/2023  
CHECKED BY: KRISTIN CALIA DATE 06/2023  
DRAWN BY: EVAN MORI DATE 06/2023



**PLEASANT GROVE BOULEVARD  
WIDENING PROJECT**

TRAFFIC SIGNAL MODIFICATION  
PLEASANT GROVE BLVD / FOOTHILLS BLVD

Xrefs: x-4099\_borderjk-4099\_planijk-4099\_geonijk-4099\_stripping-exjk-4099\_signal-exjk-4099\_planorigjk-4099\_untl  
Images:

| CONDUCTOR SCHEDULE |                 |                          |              |              |              |              |              |              |              |              |
|--------------------|-----------------|--------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| AWG<br>OR<br>CABLE | POLE/CIRCUIT    |                          | CONDUIT RUN  |              |              |              |              |              |              |              |
|                    |                 |                          | <div>1</div> | <div>2</div> | <div>3</div> | <div>4</div> | <div>5</div> | <div>6</div> | <div>7</div> | <div>8</div> |
| 12 COND<br>CABLE   | <div>B</div>    | ø3, ø8                   | 1            | 1            |              | 1            |              |              |              |              |
|                    | <div>C</div>    | ø6P, ø8P                 | 1            | 1            |              | 1            | 1            |              |              |              |
|                    | <div>D</div>    | ø5, ø6                   | 1            | 1            |              | 1            | 1            |              |              |              |
|                    | <div>F</div>    | ø2, ø5, ø7, ø8, ø2P, ø8P | 2            |              |              |              |              | 2            | 2            | 2            |
|                    | TOTAL           |                          | 5            | 3            |              | 3            | 2            | 2            | 2            | 2            |
| 5 COND<br>CABLE    | <div>a</div>    | APS (ø4P), APS (ø6P)     | 1            | 1            | 1            |              |              |              |              |              |
|                    | <div>C</div>    | APS (ø6P), APS (ø8P)     | 1            | 1            |              | 1            | 1            |              |              |              |
|                    | <div>i</div>    | APS (ø2P), APS (ø4P)     | 1            |              |              |              |              |              | 1            | 1            |
|                    | TOTAL           |                          | 3            | 2            | 1            | 1            | 1            |              | 1            | 1            |
| 3 COND<br>CABLE    | <div>E</div>    | APS (ø8P)                | 1            |              |              |              |              | 1            | 1            | 1            |
|                    | <div>G</div>    | APS (ø2P)                | 1            |              |              |              |              | 1            | 1            | 1            |
|                    | TOTAL           |                          | 2            |              |              |              |              | 2            | 2            | 2            |
| NO. 14             | ø1              |                          | (3)          | (3)          | (3)          |              |              |              | (3)          | (3)          |
|                    | ø2              |                          | (3)          |              |              |              |              |              | (3)          | (3)          |
|                    | ø3              |                          | (3)          | (3)          | (3)          |              |              |              |              |              |
|                    | ø4              |                          | (3)          | (3)          | (3)          |              |              |              | (3)          | (3)          |
|                    | ø6              |                          | (3)          | (3)          | (3)          |              |              |              |              |              |
|                    | ø7              |                          | (3)          |              |              |              |              |              | (3)          | (3)          |
|                    | ø2P             |                          | (2)          |              |              |              |              |              | (2)          | (2)          |
|                    | ø4P             |                          | (2)          | (2)          | (2)          |              |              |              | (2)          | (2)          |
|                    | ø6P             |                          | (2)          | (2)          | (2)          |              |              |              |              |              |
|                    | SPARES          |                          | (3)          | (3)          | (3)          |              |              |              | (3)          | (3)          |
|                    | PEU             |                          |              |              | (3)          |              |              |              |              |              |
| TOTAL              |                 | (27)                     | (19)         | (22)         |              |              |              | (19)         | (19)         |              |
| NO. 10             | SIGNAL COMMON   |                          | (1)          | (1)          | (1)          | 1            | 1            | 1            | (1)          | (1)          |
|                    | GROUND          |                          | (1)          | (1)          | (1)          | 1            | 1            | 1            | (1)          | (1)          |
|                    | LUMINAIRE/IISNS |                          |              | (2)          | (2)          | 2            |              | 2            | (2)          | (2)          |
|                    | TOTAL           |                          | (2)          | (4)          | (4)          | 4            | 2            | 4            | (4)          | (4)          |
| NO. 6              | SIGNAL PWR      |                          | (2)          | (2)          |              |              |              |              |              |              |
| DLC                | ø1              |                          | (4)          | (4)          |              | (4)          | (4)          |              |              |              |
|                    | ø2              |                          | 1(5)         |              |              |              |              |              |              | 1(5)         |
|                    | ø3              |                          | 6            |              |              |              |              | 6            | 6            | 6            |
|                    | ø4              |                          | 1(7)         | 1(7)         | (3)          |              |              |              |              |              |
|                    | ø5              |                          | (4)          |              |              |              |              |              |              | (4)          |
|                    | ø6              |                          | 1(7)         | 1(7)         |              | 1(7)         | 1(7)         |              |              |              |
|                    | ø7              |                          | (4)          | (4)          | (4)          |              |              |              |              |              |
|                    | ø8              |                          | 8            |              |              |              |              | 8            | 8            | 8            |
| TOTAL              |                 | 17(31)                   | 2(22)        | (7)          | 1(11)        | 1(11)        | 14           | 14           | 15(9)        |              |
| EVUC               | EVUDa           |                          | (1)          | (1)          | (1)          |              |              |              |              |              |
|                    | EVUDb *         |                          | (1)          | (1)          |              | (1)          |              |              |              |              |
|                    | EVUDc           |                          | (1)          | (1)          | (1)          |              |              |              |              |              |
|                    | EVUDd *         |                          | (1)          | (1)          |              | (1)          |              |              |              |              |
| TOTAL              |                 | (4)                      | (4)          | (2)          | (2)          |              |              |              |              |              |
| SIC                | 24 SMFO         |                          | (1)          | (1)          |              | (1)          | (1)          |              |              | (1)          |
| PULLWIRE           |                 |                          |              |              |              |              |              | 2            |              |              |
| CONDUIT SIZE       |                 |                          | (2-3")       | (2-3")       | (2")         | (3")         | (3")         | 2-3"         | (3")         | (2-3")       |
| PERCENT FILL       |                 |                          | 52           | 30           | 44           | 36           | 28           | 16           | 38           | 25           |

NOTES:  
XX INDICATES NEW CONDUCTORS.  
(XX) INDICATES EX. CONDUCTORS TO REMAIN.  
CONTRACTOR SHALL REMOVE ANY EX. CONDUCTORS NOT SHOWN TO REMAIN.  
CONTRACTOR SHALL VERIFY THE EX. CONDUCTORS SHOWN ABOVE.  
CONTRACTOR IS NOT REQUIRED TO REMOVE EX. CONDUCTORS BEFORE INSTALLING CONDUCTORS INTO EX. CONDUITS.  
\* REROUTE EX. CONDUCTORS TO NEW POLE.

| EQUIPMENT SCHEDULE |               |                    |                       |               |                          |         |                                  |        |                |                        |                                                                                        |
|--------------------|---------------|--------------------|-----------------------|---------------|--------------------------|---------|----------------------------------|--------|----------------|------------------------|----------------------------------------------------------------------------------------|
| LOCATION           | STANDARD      |                    |                       | LED LUMINAIRE | VEHICLE SIGNAL MOUNTING  |         | PEDESTRIAN<br>SIGNAL<br>MOUNTING | APS    |                | IISNS                  | REMARKS                                                                                |
|                    | TYPE          | SIGNAL MAST<br>ARM | LUMINAIRE<br>MAST ARM |               | MAST ARM                 | POLE    |                                  | Ø      | ARROW          |                        |                                                                                        |
| (a)                | 29-5-70       | 55'                | 15'                   | 400W EQUIV.   | MAT<br>MAS<br>MAS        | SV-3-TB | SP-2-CS                          | 4<br>6 | RIGHT<br>RIGHT |                        | EX. R73-5(CA) SIGN, TRUCK ROUTE SIGNS, AND SNS TO REMAIN. INSTALL R10-22 SIGN ON POLE. |
| (B)                | 61-5-100      | 65'                | 15'                   | 400W EQUIV.   | MAT<br>MAS<br>MAS<br>MAS | SV-1-T  |                                  |        |                | FOOTHILLS BLVD         | RELOCATE EX. R73-5(MOD) SIGN TO SMA. RELOCATE EX. TRUCK ROUTE SIGNS TO POLE.           |
| (C)                | 1-B (7')      |                    |                       |               |                          |         | TP-2-CS                          | 6<br>8 | LEFT<br>RIGHT  |                        |                                                                                        |
| (D)                | 1-B           |                    |                       |               |                          | TV-2-T  |                                  |        |                |                        | INSTALL R10-22 SIGN ON POLE.                                                           |
| (E)                | PBA POST      |                    |                       |               |                          |         |                                  | 8      | LEFT           |                        |                                                                                        |
| (F)                | 29-5-100      | 55'                | 15'                   | 400W EQUIV.   | MAT<br>MAS<br>MAS        | SV-3-TB | SP-2-CS                          |        |                | PLEASANT<br>GROVE BLVD | INSTALL R10-22 SIGN ON POLE. RELOCATE EX. R73-5(CA) SIGN TO SMA.                       |
| (G)                | PBA POST      |                    |                       |               |                          |         |                                  | 2      | RIGHT          |                        |                                                                                        |
| (H)                | 15 [20' TALL] |                    | 15'                   | 250W EQUIV.   |                          |         |                                  |        |                |                        |                                                                                        |
| (i)                | 29-5-70       | 55'                | 15'                   | 400W EQUIV.   | MAT<br>MAS<br>MAS        | SV-3-TB | SP-2-CS                          | 2<br>4 | RIGHT<br>LEFT  |                        | EX. R73-5(CA) SIGN AND SNS TO REMAIN. INSTALL R10-22 SIGN ON POLE.                     |

ALL NEW EQUIPMENT INDICATED WITH BOLD TEXT.  
NEW PED PUSH BUTTONS SHALL BE POLARA IN2 APS OR CITY-APPROVED EQUIVALENT.

| REVISIONS |             |      |    |
|-----------|-------------|------|----|
| NO.       | DESCRIPTION | DATE | BY |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |
|           |             |      |    |

| BENCH MARK                                                                                                                                      | ELEV. SEE. NOTES |
|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
| THE VERTICAL DATUM OF THIS MAPPING IS BASED ON THE CITY OF ROSEVILLE BENCHMARK 85, ADJUSTED TO NAVD88 BY ADDING A PROJECT FACTOR OF +2.16 FEET. |                  |

| FIELD BOOK          |
|---------------------|
|                     |
| SCALE               |
| HORIZ. <u>N.A.</u>  |
| VERT. <u>      </u> |

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DESIGNED BY: DANNY MURPHY DATE 06/2023  
CHECKED BY: KRISTIN CALIA DATE 06/2023  
DRAWN BY: EVAN MORI DATE 06/2023



PLEASANT GROVE BOULEVARD  
WIDENING PROJECT  
TRAFFIC SIGNAL SCHEDULES  
PLEASANT GROVE BLVD / FOOTHILLS BLVD



DETAIL PAD VAULT DF9B-XXXX  
STA. 96+37, PLEASANT GROVE BLVD N.T.S.

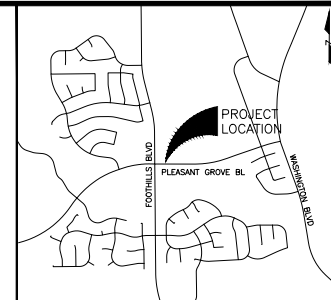
DETAIL PAD VAULT DF9B-0458  
STA. 96+37, PLEASANT GROVE BLVD N.T.S.

# PLEASANT GROVE BLVD WIDENING PROJECT

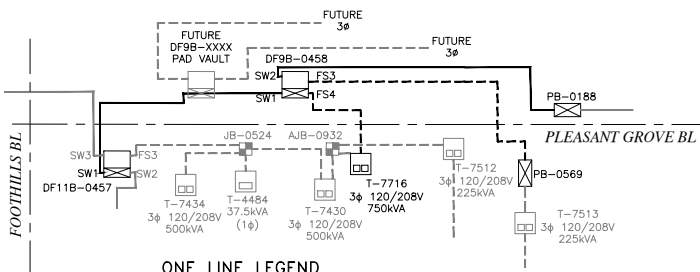
## PLAN FOR ELECTRIC UTILITY IMPROVEMENTS

### LEGEND:

- PADMOUNT 3# TRANSFORMER 700kVA TO 1000kVA (96"x96")
- PADMOUNT 3# TRANSFORMER 45kVA TO 500kVA (78"x78")
- PADMOUNT 1# TRANSFORMER 167kVA AND BELOW (48"x54")
- CONCRETE PAD VAULT
- ABOVE GROUND 3# JUNCTION BOX
- BELOW GROUND 3# JUNCTION BOX
- 12KV DISTRIBUTION SPICE PULL BOX (3'WX6'LX5'D)
- 12KV MAINLINE SPICE PULL BOX (4'WX6'-6'LX5'D)
- #30 SECONDARY BOX (17'WX24'LX18'D)
- #9 STREETLIGHT BOX (10'WX17'LX12'D)
- 250 WATT HPS EQUIVALENT LED STREET LIGHT
- STREET LIGHT CONTROLLER
- SEE CORRESPONDING TRENCH DETAIL
- CONDUIT STUB, CAP AND PLACE "E.M.S." MARKER
- 4-4"C'S W/3-#750MCM AL. (OR AS NOTED)
- 1-4"C W/3-#1/0 PRI. URD CABLE
- 1-3"C W/1-#4/0 SECONDARY TRI-PLEX URD CABLE
- 1-1 1/2"C STREET LIGHT CONDUIT W/3-#8 CU. WIRES
- EXISTING CONDUIT/CONDUCTOR (AS NOTED)
- MATERIAL ONLY (CONDUCTOR)
- FUTURE CONDUIT/EQUIPMENT (AS NOTED)



VICINITY MAP  
N.T.S.



ONE LINE LEGEND

STA: 96+37 DEVELOPER TO INSTALL CONCRETE PAD VAULT & CONDUITS FOR FUTURE DF9B-XXXX, PER PAGES 4.1 THROUGH 4.4 OF THE ROSEVILLE ELECTRIC COMMERCIAL CONSTRUCTION STANDARDS. FRONT EDGE OF VAULT TO BE 2' FROM T.B.W. RSVL. ELECTRIC TO PULL THROUGH MAINLINE CONDUCTORS FROM DF11B-0457 TO DF9B-0458 AND FABRICATE/INSTALL METAL PLATE OVER PAD VAULT OPENING.

STA: 96+57 DEVELOPER TO INSTALL CONCRETE PAD VAULT & CONDUITS FOR DF9B-0458, PER PAGES 4.1 THROUGH 4.4 OF THE ROSEVILLE ELECTRIC COMMERCIAL CONSTRUCTION STANDARDS. FRONT EDGE OF VAULT TO BE 2' FROM T.B.W. RSVL. ELECTRIC TO REMOVE EXISTING CONDUCTORS, WINDOW CONDUITS, RELOCATE (E) DF9B-0458 & PULL IN NEW CONDUCTORS.

STA: 97+00 STB: DEVELOPER TO STUB 1-4"C AND PLACE CITY PROVIDED EMS MARKER.

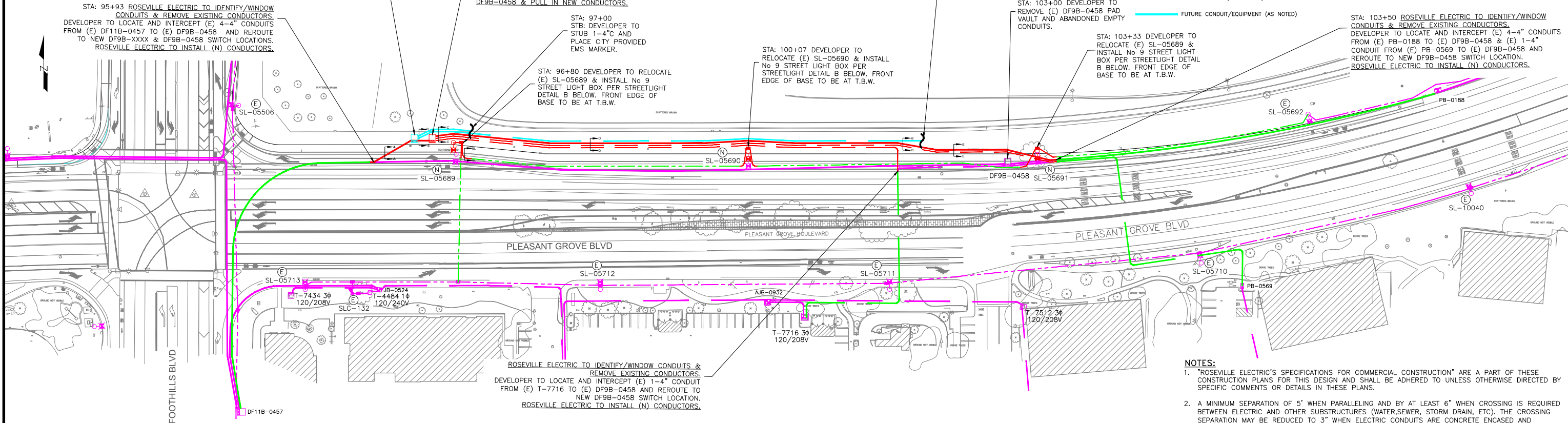
STA: 96+80 DEVELOPER TO RELOCATE (E) SL-05689 & INSTALL No 9 STREET LIGHT BOX PER STREETLIGHT DETAIL B BELOW. FRONT EDGE OF BASE TO BE AT T.B.W.

STA: 100+07 DEVELOPER TO RELOCATE (E) SL-05690 & INSTALL No 9 STREET LIGHT BOX PER STREETLIGHT DETAIL B BELOW. FRONT EDGE OF BASE TO BE AT T.B.W.

STA: 103+00 DEVELOPER TO REMOVE (E) DF9B-0458 PAD VAULT AND ABANDONED EMPTY CONDUITS.

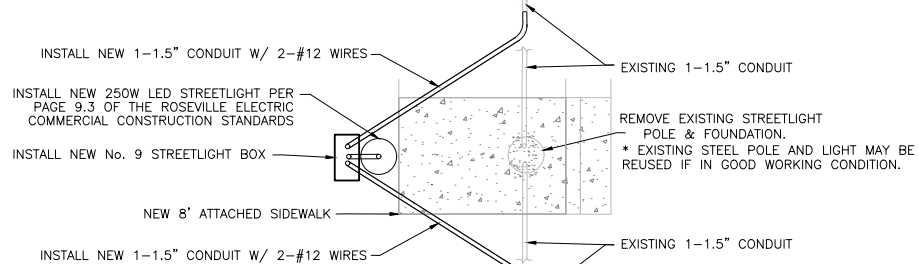
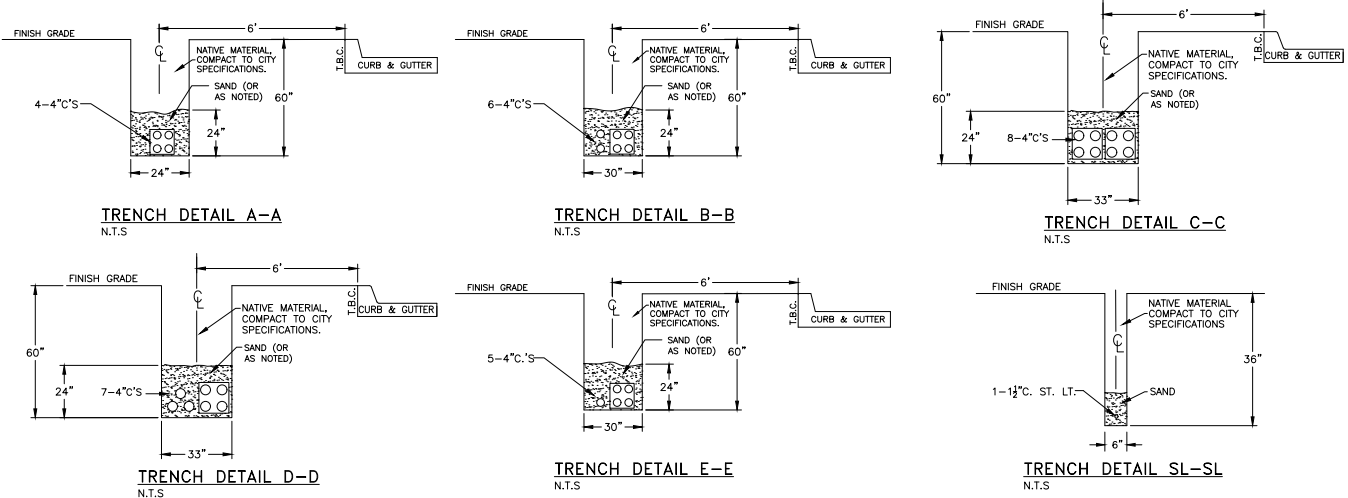
STA: 103+33 DEVELOPER TO RELOCATE (E) SL-05689 & INSTALL No 9 STREET LIGHT BOX PER STREETLIGHT DETAIL B BELOW. FRONT EDGE OF BASE TO BE AT T.B.W.

STA: 103+50 ROSEVILLE ELECTRIC TO IDENTIFY/WINDOW CONDUITS & REMOVE EXISTING CONDUCTORS. DEVELOPER TO LOCATE AND INTERCEPT (E) 4-4" CONDUITS FROM (E) PB-0188 TO (E) DF9B-0458 & (E) 1-4" CONDUIT FROM (E) PB-0569 TO (E) DF9B-0458 AND REROUTE TO NEW DF9B-0458 SWITCH LOCATION. ROSEVILLE ELECTRIC TO INSTALL (N) CONDUCTORS.



### NOTES:

- "ROSEVILLE ELECTRIC'S SPECIFICATIONS FOR COMMERCIAL CONSTRUCTION" ARE A PART OF THESE CONSTRUCTION PLANS FOR THIS DESIGN AND SHALL BE ADHERED TO UNLESS OTHERWISE DIRECTED BY SPECIFIC COMMENTS OR DETAILS IN THESE PLANS.
- A MINIMUM SEPARATION OF 5' WHEN PARALLELING AND BY AT LEAST 6" WHEN CROSSING IS REQUIRED BETWEEN ELECTRIC AND OTHER SUBSTRUCTURES (WATER,SEWER, STORM DRAIN, ETC). THE CROSSING SEPARATION MAY BE REDUCED TO 3" WHEN ELECTRIC CONDUITS ARE CONCRETE ENCASED AND APPROVED BY THE ELECTRIC DEPARTMENT INSPECTOR.
- A MINIMUM OF 5' WHEN PARALLELING AND 12" WHEN CROSSING PG&E GAS TRANSMISSION LINES.
- A MINIMUM 12" SEPARATION BETWEEN ELECTRIC, TELEPHONE, GAS AND CABLE T.V. IS REQUIRED. THIS SEPARATION MAY NOT BE REDUCED UNLESS SPECIFICALLY APPROVED IN EACH INSTANCE BY THE UTILITIES INVOLVED.
- THE CONTRACTOR TO PAY SPECIAL ATTENTION TO CROSSINGS WITH WATER MAINS, SANITARY SEWER, DRAIN PIPES, AND ANY OTHER OBSTRUCTIONS. CONTRACTOR TO PROVIDE THE MINIMUM REQUIRED COVER FOR ALL UTILITIES WITH A SMOOTH TRANSITION OVER OR UNDER OBSTRUCTION AS DIRECTED AND APPROVED BY ALL UTILITIES INVOLVED. THE APPROACH AND DEPARTURE FOR AN OBSTRUCTION SHALL BEGIN AND END 100 LINEAL FEET AWAY FROM THE OBSTRUCTION.
- TRENCH DETAILS SHOWN ON THESE PLANS ARE FOR ELECTRIC. IF OTHER UTILITIES REQUEST JOINT TRENCH OCCUPATION, THE TRENCH DIMENSIONS MAY BE MODIFIED. IT IS THE DEVELOPERS RESPONSIBILITY TO CO-ORDINATE SUCH REQUESTS TO THE SATISFACTION OF ALL THE UTILITIES INVOLVED.
- CONTRACTOR SHALL INSURE THAT ALL TRENCHING AND INSTALLATION OF ELECTRIC FACILITIES CONFORMS TO CAL. O.S.H.A. AND THE STATE OF CALIFORNIA P.U.C. GENERAL ORDER NO. 128 REQUIREMENTS.
- THE CITY OF ROSEVILLE IS A MEMBER OF THE UNDERGROUND SERVICE ALERT SYSTEM, CALL BEFORE YOU DIG! U.S.A PHONE #800-642-2444. ROSEVILLE ELECTRIC DISPATCH PHONE #916-774-5620.



STREETLIGHT DETAIL B - AERIAL VIEW STREETLIGHT RELOCATION  
N.T.S.

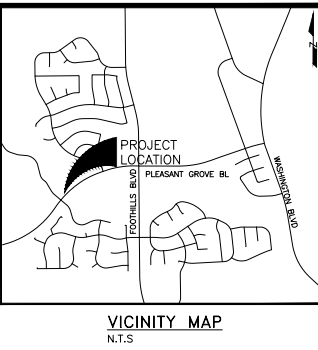
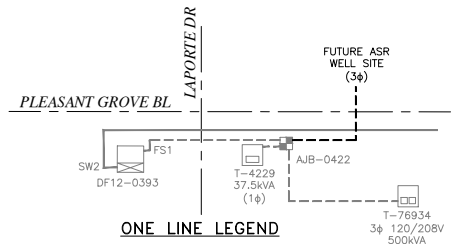
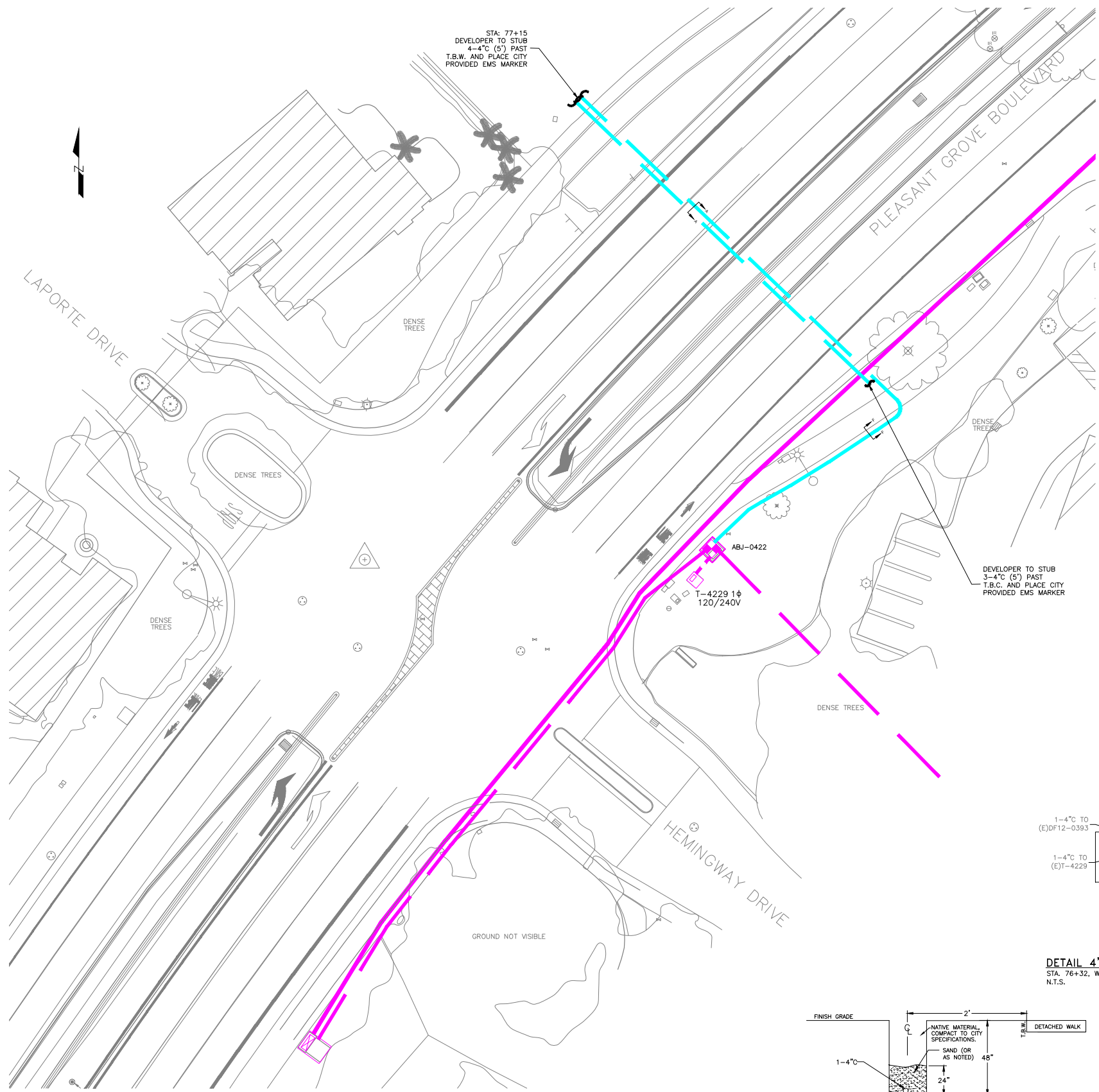


|               |              |               |                                                     |                              |
|---------------|--------------|---------------|-----------------------------------------------------|------------------------------|
| 02            | KL           | 6/21/23       | REVISED DF9B-0458 LOCATION & ADDED DF9B-XXXX        | KL                           |
| 01            | KL           | 3/30/23       | REVISED DF9B-0458 LOCATION & ADDED CROSSING FOR ASR | KL                           |
| REV BY        | DATE         | DESCRIPTION   | JOB NO.                                             | 2797135                      |
| ENG. K. LUTTS | APPR.        | JTM           | ACCOUNT NO.                                         | 6001-6587-84701-290001-01070 |
| DR. K. LUTTS  | DATE: 3/8/23 | SCALE: 1"=50' | DRAWING NO.                                         | 510-514                      |
|               |              |               | SHEET 1 OF 2                                        |                              |



# PLEASANT GROVE BLVD WIDENING PROJECT

## PLAN FOR ELECTRIC UTILITY IMPROVEMENTS

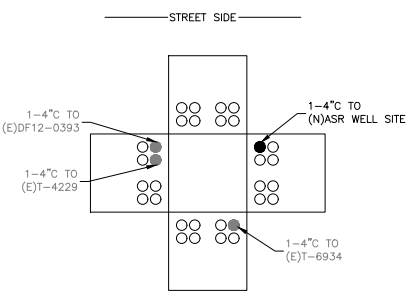


### LEGEND:

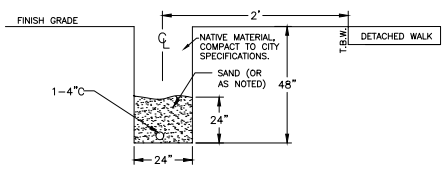
- PADMOUNT 3Ø TRANSFORMER 700kVA TO 1000kVA (96\"X96\")
- PADMOUNT 3Ø TRANSFORMER 45kVA TO 500kVA (78\"X78\")
- PADMOUNT 1Ø TRANSFORMER 167kVA AND BELOW (48\"X54\")
- CONCRETE PAD VAULT
- ABOVE GROUND 3Ø JUNCTION BOX
- BELOW GROUND 3Ø JUNCTION BOX
- 12KV DISTRIBUTION SPLICE PULL BOX (3\"WX6\"LX5\"D)
- 12KV MAINLINE SPLICE PULL BOX (4\"WX6\"-6\"LX5\"D)
- #30 SECONDARY BOX (17\"WX24\"LX18\"D)
- #9 STREETLIGHT BOX (10\"WX17\"LX12\"D)
- 250 WATT HPS EQUIVALENT LED STREET LIGHT
- STREET LIGHT CONTROLLER
- SEE CORRESPONDING TRENCH DETAIL
- 4-4\"C'S W/3-#750MCM AL. (OR AS NOTED)
- 1-4\"C W/3-#1/0 PRI. URD CABLE
- 1-3\"C W/1-#4/0 SECONDARY TRI-PLEX URD CABLE
- 1-1 1/2\"C STREET LIGHT CONDUIT W/3-#8 CU. WIRES
- EXISTING CONDUIT/CONDUCTOR (AS NOTED)
- FUTURE CONDUIT/EQUIPMENT (AS NOTED)

### NOTES:

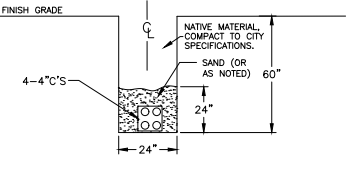
- "ROSEVILLE ELECTRIC'S SPECIFICATIONS FOR COMMERCIAL CONSTRUCTION" ARE A PART OF THESE CONSTRUCTION PLANS FOR THIS DESIGN AND SHALL BE ADHERED TO UNLESS OTHERWISE DIRECTED BY SPECIFIC COMMENTS OR DETAILS IN THESE PLANS.
- A MINIMUM SEPARATION OF 5' WHEN PARALLELING AND BY AT LEAST 6" WHEN CROSSING IS REQUIRED BETWEEN ELECTRIC AND OTHER SUBSTRUCTURES (WATER,SEWER, STORM DRAIN, ETC). THE CROSSING SEPARATION MAY BE REDUCED TO 3" WHEN ELECTRIC CONDUITS ARE CONCRETE ENCASED AND APPROVED BY THE ELECTRIC DEPARTMENT INSPECTOR.
- A MINIMUM OF 5' WHEN PARALLELING AND 12" WHEN CROSSING PG&E GAS TRANSMISSION LINES.
- A MINIMUM 12" SEPARATION BETWEEN ELECTRIC, TELEPHONE, GAS AND CABLE T.V. IS REQUIRED. THIS SEPARATION MAY NOT BE REDUCED UNLESS SPECIFICALLY APPROVED IN EACH INSTANCE BY THE UTILITIES INVOLVED.
- THE CONTRACTOR TO PAY SPECIAL ATTENTION TO CROSSINGS WITH WATER MAINS, SANITARY SEWER, DRAIN PIPES, AND ANY OTHER OBSTRUCTIONS. CONTRACTOR TO PROVIDE THE MINIMUM REQUIRED COVER FOR ALL UTILITIES WITH A SMOOTH TRANSITION OVER OR UNDER OBSTRUCTION AS DIRECTED AND APPROVED BY ALL UTILITIES INVOLVED. THE APPROACH AND DEPARTURE FOR AN OBSTRUCTION SHALL BEGIN AND END 100 LINEAL FEET AWAY FROM THE OBSTRUCTION.
- TRENCH DETAILS SHOWN ON THESE PLANS ARE FOR ELECTRIC. IF OTHER UTILITIES REQUEST JOINT TRENCH OCCUPATION, THE TRENCH DIMENSIONS MAY BE MODIFIED. IT IS THE DEVELOPERS RESPONSIBILITY TO CO-ORDINATE SUCH REQUESTS TO THE SATISFACTION OF ALL THE UTILITIES INVOLVED.
- CONTRACTOR SHALL INSURE THAT ALL TRENCHING AND INSTALLATION OF ELECTRIC FACILITIES CONFORMS TO CAL. O.S.H.A. AND THE STATE OF CALIFORNIA P.U.C. GENERAL ORDER NO. 128 REQUIREMENTS.
- THE CITY OF ROSEVILLE IS A MEMBER OF THE UNDERGROUND SERVICE ALERT SYSTEM, CALL BEFORE YOU DIG!! U.S.A PHONE #800-642-2444. ROSEVILLE ELECTRIC DISPATCH PHONE #916-774-5620.



DETAIL 4'X4' ABOVE GROUND J-BOX AJB-0422  
STA. 76+32, WOODCREEK OAKS BLVD  
N.T.S.



TRENCH DETAIL F-F  
N.T.S.



TRENCH DETAIL A-A  
N.T.S.



|                                          |    |         |                                                     |       |
|------------------------------------------|----|---------|-----------------------------------------------------|-------|
| 02                                       | KL | 6/21/23 | REVISED DF9B-045B LOCATION & ADDED DF9B-XXXX        | KL    |
| 01                                       | KL | 3/30/23 | REVISED DF9B-045B LOCATION & ADDED CROSSING FOR ASR | KL    |
| REV                                      | BY | DATE    | DESCRIPTION                                         | APPR. |
| JOB NO. 2797135                          |    |         |                                                     |       |
| ACCOUNT NO. 6001-6587-84701-290001-01070 |    |         |                                                     |       |
| DRAWING NO. 510-514                      |    |         |                                                     |       |
| SHEET 2 OF 2                             |    |         |                                                     |       |



# Streets & Bridges Project Manual

**Name of project:**

Pleasant Grove Blvd Widening Project

**Department:**

Public Works

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CITY OF ROSEVILLE

DEPARTMENT OF \_\_\_\_\_

Name of Project: \_\_\_\_\_

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN THAT sealed Proposal will be received at the Office of the City Clerk, 311 Vernon Street, Roseville, California, until \_\_\_\_\_ at 3:00 p.m. Late proposals will be rejected. No exceptions.

The Proposals will be publicly opened and read by the City Clerk or designee of the City of Roseville at 3:05 p.m. on \_\_\_\_\_, 20\_\_ at the Office of the City Clerk located at 311 Vernon Street, Roseville California for the following project:

\_\_\_\_\_.

A pre-bid meeting will be held at \_\_\_\_\_.

A Project Manual, including all Contract Documents and the Proposal forms for bidding this project, may be obtained on-line from the City of Roseville's website at [https://www.roseville.ca.us/business/procurement\\_services/bids\\_rfps](https://www.roseville.ca.us/business/procurement_services/bids_rfps). All communications relative to this project shall be conducted through Public Purchase.

Bids shall be submitted on the City's Proposal Forms included in the Project Manual, plainly endorsed with the Bidder's name together with signed acknowledgement of any and all addenda. Proposal Forms shall be securely sealed in a suitable envelope marked with the name

and address of the Bidder, and marked in capital letters on the front and back of the envelope as follows:

**[NAME OF PROJECT]**

(Name of Bidder)

(Address of Bidder)

Whether mailed or personally delivered, all bids shall be addressed to the City of Roseville, Office of the City Clerk, 311 Vernon Street, Roseville, California, 95678.

Each bid must be accompanied by a Bid Guaranty in the form of a Certificate of Deposit, Certified or Cashier's Check, Bidder's Bond or Irrevocable Standby Letter of Credit in an amount equal to at least ten percent (10%) of the Bidder's Grand Total Price. The Bid Guaranty will be retained by the City and applied to any and all damages sustained by the City in the event that the successful Bidder fails or refuses to enter into the Contract awarded to it and to furnish all required bonds and Certificates of Insurance. The City intends to award the Contract to the lowest responsible Bidder based on the Grand Total Bid Price for all components of the Project. To the extent allowed by law, the City reserves the right to reject any and all bids and/or to waive any irregularities or informalities in any bid or in the bidding procedure. The City specifically reserves the right to not award the Contract after the opening of bids.

Any bid may be withdrawn at any time prior to the time fixed in the public notice for the deadline submission of bids only by written request for the withdrawal of the bid filed with the City Clerk. The request shall be executed by the Bidder or his or her duly authorized representative. The withdrawal of a bid does not prejudice the right of the Bidder to file a new bid by the submission deadline. Whether or not bids are opened exactly at the time fixed in the



public notice for opening bids, a bid will not be received after the deadline submission of bids nor may any bid be withdrawn after the time fixed in the public notice for deadline for submission of bids. Immediately following the deadline for submission of bids all bids shall become the property of the City of Roseville and the City is under no obligation to return bids.

Bids will be examined and reported to the City Council within sixty (60) business days after the bid opening. Except as permitted by applicable law, no Bidder may withdraw its bid for a period of sixty (60) business days after the date of bid opening. Each Bidder will be notified of any award of the Contract by the City.

The City will affirmatively ensure non-discrimination on the basis of one or more of the following: race, religious creed, color, national origin, ancestry, physical disability, mental disability, medical condition, genetic information, marital status, sex, gender, gender identity, gender expression, age, sexual orientation, or military and veteran status in the award and administration of contracts that it awards.

Pursuant to Public Contract Code Section 22300, the successful Bidder may submit certain securities in lieu of the City withholding retention of payments during the Project.

The City has determined that the Contractor shall possess a valid Class \_\_\_\_, \_\_\_\_\_ Contractor's license at the time that the bid is submitted, as well as any other license classification as may be required by the laws of the California for the performance of the work specified in the Contract Documents. Said license shall be maintained during the Contract period. Failure to possess the specified license shall render the bid nonresponsive and will act as a bar to the award of the Contract to any Bidder not possessing such a license at the time of bid submittal. The Contractor shall provide certification of the license, its number and the expiration date on the proposal form.

The work is to be done in Placer County. Pursuant to California Labor Code Section 1773, the City has ascertained the General Prevailing Rate of Wages in the County in which the work is to be done to be as determined by the Director of Industrial Relations of the State of California. The Contractor is hereby made aware that information regarding prevailing wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: <http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>. The Contractor is required to post a copy of the applicable wage rates at the job site. Attention is directed to Section 7 “Legal Relations and Responsibility” of the Standard Construction Specifications.

Pursuant to Labor Code Section 1771.1(b), notice is hereby given that a contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in Labor Code Sections 1720, et seq., unless currently registered and qualified to perform public work pursuant to Labor Code Section 1725.5 or exempt from registration requirements pursuant to Labor Code Section 1725.5(f). It is not a violation of Labor Code Section 1771.1 for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform work pursuant to Labor Code Section 1725.5 at the time the contract is awarded or is exempt from registration requirements pursuant to Labor Code Section 1725.5(f). The Contractor is hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

All questions prior to the deadline for bid submissions shall be directed to the attention of

\_\_\_\_\_ via \_\_\_\_\_ at

\_\_\_\_\_. The deadline for submissions of questions and clarifications regarding the Contract Documents is \_\_\_\_\_ calendar days before the deadline for bid submissions. Only Addenda issued by the City are binding.

\_\_\_\_\_  
City Clerk, City of Roseville

Dated: \_\_\_\_\_

Published: \_\_\_\_\_



## INSTRUCTIONS TO BIDDERS

### **SECTION 1. GENERAL**

1-1.01        **GENERAL.** These Instructions to Bidders form a part of the Contract Documents. Capitalized terms are defined in Standard Construction Specifications Section 1.

1-1.02        **EXAMINATION OF PLANS, CONTRACT DOCUMENTS AND SITE OF THE WORK.** The Bidder shall examine carefully the site of the Work and all the Contract Documents, including these Instructions to Bidders, and shall inform itself of the conditions relating to the execution of the Work. Failure to do so will not relieve the successful Bidder of its obligation to enter into an Agreement and complete the Work in strict accordance with the Contract Documents. Conditions relating to the execution of the Work include the requirements of federal, state, and local laws, statutes and ordinances relative to the execution of Work, including, but not limited to, applicable regulations concerning prevailing wage rates, non-discrimination in the employment of labor, protection of the public, employee health and safety, and environmental protection.

The submission of a bid shall be conclusive evidence that the Bidder has investigated and is satisfied as to the conditions to be encountered, as to the character, quality, and scope of Work to be performed, the quantities of materials to be furnished, and as to the requirements of all the Contract Documents.

1-1.03        **EXISTING INFORMATION.** Where the Department has made investigations of site conditions, including subsurface conditions in areas where Work is to be performed under the Contract, such investigations are made only for the purpose of study and design. City does not represent that such conditions as found in these investigations or inferences or conclusions drawn as a result of these investigations will represent actual site

conditions and hereby disclaims any liability as a result of Contractor's or Bidder's reliance on such investigations. City will presume that all Bidders have conducted their own site investigations, including investigations of subsurface conditions. Where such investigations have been made, Bidders or Contractors may, upon written request, inspect the records of the Department as to such investigations subject to the conditions set forth in these Instructions to Bidders. Such inspection of records may be made only at the location noted above. The records of such investigations are not a part of the Contract Documents and are shown solely for the convenience of the Bidder or Contractor. The City assumes no responsibility whatsoever with respect to the sufficiency or accuracy of the investigations made, the records thereof, or of the interpretations set forth therein or made by the City in its use thereof. The City makes no warranty or guarantee, either express or implied, that the conditions indicated by such investigations or records are representative of those existing throughout such areas, or any part thereof, or that unforeseen developments may not occur, or that materials other than, or in proportions different from those indicated, may not be encountered.

No information derived from such inspection of records of investigations or compilation thereof made by the City, the Department or from the Engineer, or his or her assistants, will in any way relieve the Bidder or Contractor from properly examining the site and making such additional investigations as it may elect, or from properly fulfilling the terms of the Contract.

## SECTION 2: BID REQUIREMENTS

2-1.01        **PROPOSAL FORMS.** The Department will furnish to each Bidder standard Proposal Forms, which, when filled out and executed may be submitted as the bid. Proposals shall include all pages in the Project Manual with page numbers marked “PROP” plus the Addendum acknowledgment form (front sheet) from all Addenda received by the Bidder. Proposals shall be removed from the Project Manual. The full Project Manual shall not be submitted with the proposal. Bids not presented on forms so furnished will be disregarded.

The Proposal and one (1) copy thereof shall be submitted as directed in the “Notice to Contractors” under sealed cover plainly marked as a Proposal, and identifying the project to which the Proposal relates and the date of the bid opening therefor. Proposals which are not properly marked may be disregarded.

All blank spaces in the Proposal must be completed, as required, in ink. All price information shall be shown, clearly legible, in figures where required.

The Bidder shall sign the Proposal in the blank space provided therefor. If the Bidder is the sole owner, the Proposal shall be signed by the owner. If the Bidder is a corporation, the legal name of the corporation and its State of incorporation shall be set forth and the Proposal shall be signed by at least two officers authorized to sign contracts on behalf of the corporation. If the Bidder is a partnership, the true name of the firm shall be set forth, the names and addresses of all partners shall be given and the Proposal shall be signed by a partner in the firm authorized to sign contracts on behalf of the partnership. If the Bidder is a joint venture, the Proposal shall be signed on behalf of each participating company by officers or other individuals who have the full and proper authorization to do so. If the Proposal is signed by an agent of the Bidder other than an officer of a corporation or a member of a partnership, a notarized Power of

Attorney must be on file with the City prior to opening of bids or must be submitted with the Proposal. If requested by the City, the Bidder shall promptly submit evidence satisfactory to the City of the authority of the person signing the Proposal.

2-1.02        **SUBMISSION OF BIDS.** Bids must be submitted at the prescribed time and location specified in the Notice to Contractors. Any submission received after the prescribed time shall be rejected, regardless of whether or not bids are opened exactly at the prescribed time.

Any unauthorized conditions or qualifications entered on, or changes made to, the Proposal may render it invalid and may cause its rejection.

No telegraphic, telephonic, or facsimile or other electronically transmitted bids will be considered.

2-1.03        **REQUIRED LISTING OF PROPOSED SUBCONTRACTORS.** Each Proposal shall list the name, address and Contractor license number of each Subcontractor to whom the Bidder proposes to subcontract portions of the Work in an amount in excess of one-half of one percent (0.5%) of its total bid, in accordance with Section 4100 to 4114, inclusive, of the Public Contract Code for the State of California. The Bidder shall list the Subcontractor's license number and the portion of the Work that will be done by each Subcontractor. If the Bidder fails to specify a Subcontractor for any portion of the Work, the Bidder agrees to perform that portion of the Work itself, and represents that it is qualified to perform that portion of the Work itself. The Bidder's attention is invited to other provisions of the Public Contract Code related to the imposition of penalties for a failure to observe its provisions by using unauthorized Subcontractors or by making unauthorized substitutions.

2-1.04        **CONTRACTOR'S LICENSING LAWS.** Attention is directed to the provisions of Business and Professions Code Chapter 9 of Division 3 concerning the licensing of Contractors.

All Bidders at the time of bid submittal shall be licensed as Contractors in accordance with the laws of this State. Any Bidder or Contractor not so licensed is subject to the penalties imposed by such laws. The form of Contractor's license required is stated in the Notice to Contractors, provided that the City makes no representation as to whether the State may require other or additional licenses. It is the Bidder's and Contractor's responsibility to obtain the correct Contractor's licenses. Bidders shall be skilled and regularly engaged in the general class or type of Work called for under this Contract.

All Bidders and Contractors, including Subcontractors, shall have a current City business license before undertaking any Work.

2-1.05        **NONCOLLUSION DECLARATION.** By submitting a bid, the Bidder represents and warrants that such bid is genuine and not a sham or collusive or made in the interest or on the behalf of any person therein named, and that the Bidder has not, directly or indirectly, included or solicited any other Bidder to put in a sham bid, or any other person, firm, or corporation to refrain from bidding, and that the Bidder has not in any manner sought collusion to secure the Bidder an advantage over any other Bidder.

Bidders shall submit a properly completed and executed "Noncollusion Declaration" in the form required by Public Contract Code Section 7106 and provided with the Proposal (PROP-11).

2-1.06        **DISQUALIFICATION, REMOVAL OR OTHER PREVENTION OF BIDDING.** A bid may be rejected on the basis of a Bidder, any officer of such Bidder, or any

employee of such Bidder who has a proprietary interest in such Bidder, having been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local project because of a violation of law or a safety regulation.

2-1.07        **PROPOSAL GUARANTY.** All bids shall be accompanied by one of the following forms of Bidder's security: Cash, a cashier's check, a certified check, or a Bidder's bond executed by an admitted California surety insurer, made payable to the City of Roseville, or any other form of security deemed acceptable by the City Attorney. The security shall be in an amount equal to at least ten percent (10%) of the amount bid. A bid will not be considered unless one of the form of Bidder's security is enclosed with it.

A Bidder's bond shall conform to the City's bond form in the Proposal and shall be properly filled out and executed.

2-1.08        **SCHEDULE OF BID PRICES.** Bidders are directed to submit firm unit and lump sum prices for all Work set forth in the Contract Documents on the Proposal Form entitled "Schedule of Bid Prices."

Unit prices and lump sum prices, as indicated, must be entered in the appropriate spaces provided in the Schedule of Bid Prices. If applicable, unit prices shall be multiplied by the quantities shown, and the total shall be inserted in the Amount column. In the event of any error or discrepancy between the unit price and the calculated amount, the unit prices shall govern. The City may correct any mathematical errors apparent on the face of the bid.

The amounts shown in the Amount column must be added together in arriving at the Grand Total Bid Price.

Amounts for Allowance bid items must be entered in the exact amount in the Amount column.

The prices included within the Schedule of Bid Prices shall include all costs for labor, materials, tools, equipment, services, Subcontractors, suppliers, taxes, insurance, shipment, delivery, overhead, profit, and all other costs necessary to perform the Work in accordance with the Contract Documents.

The Grand Total Bid Price shall be indicated in the Summary table form included with the Schedule of Bid Prices. The Grand Total Bid Price shall be the sum of the amounts bid for each of the designated portions of the Work, as more specifically described on the Schedule of Bid Prices form itself.

Full compensation for complying with the Contract Documents, including requirements of the Standard Specifications, the Standard Construction Specifications, Supplemental Conditions, and all warranties, shall be considered included in the bid items and no additional compensation shall be allowed therefor.

Full compensation for completion of all work as shown on the plans, as specified in the Specifications, and as directed by the City, shall be considered included in the bid items and no additional compensation shall be allowed.

Bidders are strongly discouraged from submitting unbalanced bids. As used herein, the term “unbalanced bid” is defined as any bid that does not include a reasonable proportionate allocation of indirect costs and profit of each bid item indicated in the Schedule of Bid Prices. The City reserves the right to reject any unbalanced bid if the City determines that there is a reasonable doubt that an acceptance of the bid will not result in the lowest ultimate cost to the City with regard to the work or a disproportionate distribution of contract funds.

The City reserves the right to delete any bid item in its entirety and/or significantly reduce the quantity of Work under a bid item. The City makes no representation that any Work

under a bid item will be performed during the course of the Project or that the Work will be performed at the quantities included in the Schedule of Bid Prices. As provided in the Standard Construction Specifications, for any deleted Work, Contractor shall not be entitled to payment of the indirect costs and profit included for said bid item. All bid items shall be considered distinct and severable from the remaining bid items, and each Bidder acts at its peril if its bid is unbalanced.

The City shall compare bids on the basis of the Grand Total Bid Price, which includes the base bid and any alternates designated on the Schedule of Bid Prices. Alternates may or may not be awarded, or may be awarded in any combination, at the City's discretion.

2-1.09        **WITHDRAWAL OF PROPOSALS.** Any bid may be withdrawn at any time prior to the time fixed in the Notice to Contractors for the opening of bids, provided that a request in writing, executed by the Bidder or its duly authorized representative, for the withdrawal of such bid is filed with the City Clerk. Facsimile and electronic mail requests are not acceptable. The withdrawal of a bid shall not prejudice the right of a Bidder to file a new bid. The withdrawal of any bid after the time fixed in the Notice to Contractors for the opening of bids will not be permitted.

2-1.10        **ADDENDUM.** Proposals shall include all costs and account for all Addenda issued prior to opening of bids. The Bidder is responsible for verifying that all issued Addenda have been received. An Addendum acknowledgment form for each Addendum shall be included as part of the Proposal submittal.

2-1.11        **PUBLIC OPENING OF PROPOSALS.** Proposals will be publicly opened and read at the time and place indicated in the Notice to Contractors. Bidders or their authorized agents are invited to be present.



2-1.12            **TRENCHING AND EXCAVATION WORK.** In accordance with the provisions of California Labor Code Section 6707, if the Work involves construction of a pipeline, sewer, sewage disposal system, boring or jacking pits, or similar trenches or open excavations, which are five feet (5') or deeper, each bid submitted shall contain, as a bid item, adequate sheeting, shoring, and bracing, or equivalent method, for the protection of life or limb, which shall conform to all applicable safety orders.

### SECTION 3: EVALUATION OF BIDS

3-1.01        **BID EVALUATION PROCESS.** Bids will be evaluated to determine the apparent low Bidder. The apparent low Bidder will be determined on the basis of the Grand Total Bid Price, as shown in the Schedule of Bid Prices. If additive or deductive alternates are used in the Schedule of Bid Prices, the apparent low Bidder will be the Bidder with the lowest total of the bid prices for base contract items plus the alternates designated by the City as those that will be used for determining the lowest bid price. However, the City reserves the right to (1) not award any alternates or (2) award any combination of alternates.

In case of discrepancy between the total of the base contract items and any specified alternates and the stated Grand Total Bid Price, the total of the base contract items plus specified alternates shall prevail. Any mathematical errors that appear on the face of the bid will be corrected by the City and the City will use the mathematically corrected addition. For example, if the mathematical total of Bidder's base contract items plus specified alternates equals \$1,000,000, but the Bidder has written \$1,250,000 as the Grand Total Bid Price, the City will consider \$1,000,000 to be the Bidder's Grand Total Bid Price for purposes of comparison to other Bidders and actual bid award. The City reserves its rights to reject or accept bids based on discrepancies between the stated Grand Total Bid Price and the actual mathematical total of the base contract bid items, plus specified alternates.

3-1.02        **REJECTION OF IRREGULAR PROPOSALS.** Proposals may be rejected in the City's sole discretion if they show any alterations of form, additions not called for, conditional bids, incomplete bids, erasures, or irregularities of any kind. However, the City reserves the right to waive any minor irregularities and informalities in any bid or in the bid procedure for any reason.

3-1.03        **COMPETITIVE BIDDING.** If more than one proposal is offered by any individual, firm, partnership, corporation, association, or any combination thereof, under the same or different names, all such proposals may be rejected. A party who has quoted prices on materials or Work to a Bidder is not thereby disqualified from quoting prices to other Bidders, or from submitting a bid directly for the materials or Work.

All Bidders are put on notice that any collusive agreement to control or affect the awarding of this Contract is in violation of the competitive bidding requirements of the City Charter, State Contract Act and the Business and Professions Code and may render void any Contract let under such circumstances.

3-1.04        **RELIEF OF BIDDERS.** If the Bidder claims a mistake was made in its bid, the Bidder shall give the Department written notice within five (5) Days after the opening of the bids of the alleged mistake, specifying in the notice in detail how the mistake occurred. No relief from a claimed mistaken bid shall be granted unless such mistake clearly appears on the face of the bid submitted to the City. Claimed mistakes on backup worksheets, spreadsheets, computerized bidding programs, or any other similar calculative bidding mistake which is not apparent on the face of the bid shall not under any circumstance be considered as a basis for relief. The burden of proving the occurrence of a mistake entitling a Bidder to relief from its bid rests entirely on the Bidder. Relief from bids shall be in the City's sole discretion.

## **SECTION 4: AWARD AND EXECUTION OF CONTRACT**

4-1.01        **AWARD OF CONTRACT.** The City reserves the right to reject any and all proposals and to award (or not award) any combination of bid items at its option. Any such award will be to the lowest responsible Bidder whose proposal complies with the requirements prescribed for the bid items awarded. Such award, if made, will be made within sixty (60) business days after the opening of the proposals. If the lowest responsible Bidder refuses or fails to execute the Contract, or provide an acceptable Performance Bond, Payment Bond, and insurance certificate(s), the City may award the Contract to the second lowest responsible Bidder. Such award, if made, will be made within eighty-two (82) business days after the opening of proposals. If the second lowest responsible Bidder refuses or fails to execute the Contract, or provide an acceptable Performance Bond, Payment Bond, and insurance certificate(s), the City may award the Contract to the third lowest responsible Bidder. Such award, if made, will be made within one hundred four (104) business days after the opening of the proposals. The above time periods within which the award of Contract may be made are subject to extension for such further period as may be agreed upon in writing between the City and the Bidder concerned.

4-1.02        **RETURN OF BIDDER'S SECURITIES.** Within ten (10) Days after the award of the Contract, the City Clerk will return all Bidders' securities, other than Bidders' bonds, accompanying the proposals that are not to be further considered in making the award. Retained Bidders' securities will be held until the Contract has been fully executed, after which all Bidders' securities, except Bidders' bonds and any Bidders' securities that have been forfeited, will be returned.

4-1.03        **CONTRACT BONDS.** The successful Bidder shall furnish two (2) bonds in the form contained in the section entitled Insurance Broker Information Packet and Bonds. One (1) bond shall secure the payment of the claims of laborers, mechanics or materialmen employed on the Work under the Contract, and the other bond shall guarantee the faithful performance of the Contract.

Each of the two (2) bonds shall be in a sum equal to one hundred percent (100%) of the Contract Price. If the Contract Price increases by the issuance of Change Orders, the penal amounts of the bonds required shall increase accordingly. Sureties on each of said bonds shall be satisfactory to the City.

All alterations, extensions of time, extra and additional Work, and other changes authorized by the Standard Specifications, the Standard Construction Specifications, the Supplemental Conditions or any part of the Contract may be made without securing the consent of the surety or sureties on the Contract bonds.

Furthermore, the successful Bidder shall furnish a certificate from the County Clerk as required by California Civil Code of Procedure Section 995.660(a)(3).

4-1.04        **INSURANCE.** At the time of the execution of the Contract, the Contractor shall, at its own expense, procure, and at all times during the prosecution of the Work maintain in full force and effect Worker's Compensation Insurance, and Liability Insurance as specified in the Standard Construction Specifications. The Contractor shall provide a Certificate of Insurance in the form contained in the section entitled Insurance Broker Information Packet.

4-1.05        **EXECUTION OF CONTRACT.** The Contract shall be signed by the successful Bidder and returned, together with all the required Contract bonds and insurance

certificates, within fifteen (15) Days after the Contract has been awarded, or as otherwise directed, in writing, by the City.

If the Bidder is an individual, the Contract shall be executed personally by the Bidder. If the Bidder is a partnership, it is desirable that the Contract be executed by all of the partners, but it may be executed by one of them. If the Bidder is a corporation, it must be executed by two officers of the corporation consisting of (1) the chairman of the board, president or vice president; and (2) the secretary, assistant secretary, chief financial officer, treasurer or assistant treasurer, or by a person authorized by the corporation to execute written contracts on its behalf, and the corporate seal affixed thereto. In the alternative, a person other than an officer may sign the Contract, provided evidence satisfactory to the City is provided indicating the individual's authority to bind the corporation. If the corporate seal is not affixed to the Contract, or if it is executed by a person other than officers, or only by one officer, there must be attached to the Contract a certified copy of a resolution of the corporation authorizing such officer or person to execute written contracts for and on behalf of the corporation. If the Bidder is a joint venture, the Contract must be executed on behalf of each participating firm by officers or other individuals who have the full and proper authorization to do so.

4-1.06            **FAILURE TO EXECUTE CONTRACT.** Failure of the lowest responsible Bidder, the second lowest responsible Bidder, or the third lowest responsible Bidder to execute the Contract and file acceptable bonds and insurance as provided within fifteen (15) Days after the Contract has been awarded, or as otherwise directed, in writing, by the City, shall be just cause for annulment of the award and forfeiture of the Bidder's security. The successful Bidder may file with the City Clerk a written notice, signed by the Bidder or Bidder's authorized representative, specifying that the Bidder will refuse to execute the Contract if presented to

Bidder. The filing of such notice shall have the same force and effect as the failure of the Bidder to execute the Contract and furnish acceptable bonds within the time prescribed.

## **SECTION 5: BID PROTEST PROCEDURES**

5-1.01        **POLICY/PROCEDURES.** It is the policy of the City to consider fully and adjudicate promptly protests filed by prospective Bidders relating to the City's bidding procedure or award of the Contract. Protests shall be filed and processed in accordance with Section 4.12.150 of the Roseville Municipal Code. A Bidder's failure to follow the bid protest procedures may result in rejection of the protest by the City.



PROPOSAL TO THE DEPARTMENT OF \_\_\_\_\_

Project:\_\_\_\_\_

Name of Bidder \_\_\_\_\_ Business Phone \_\_\_\_\_

Business Address \_\_\_\_\_

Place of Business \_\_\_\_\_

Contractor's License No. \_\_\_\_\_

License Expiration Date\_\_\_\_\_

License Classification Type \_\_\_\_\_

DIR Registration No. \_\_\_\_\_

Type of business organization: \_\_\_\_\_

\*If a Corporation, incorporated under the laws of the State of: \_\_\_\_\_

The undersigned Bidder herewith submits this Proposal and binds itself on award by the City of Roseville under this bid to execute a Contract in accordance with its bid and the Contract Documents.

The Notice to Contractors, Instructions to Bidders, Form of Agreement, Standard Specifications, Standard Construction Specifications, Supplemental Conditions, Contract Drawings, and Addenda, if any, are made part of this bid and all provisions thereof are hereby accepted, and all representations and warranties are required thereby are hereby affirmed.

The work to be done is described in the Bidding Documents entitled \_\_\_\_\_  
\_\_\_\_\_, City of Roseville, California.

This offer shall be irrevocable for a period of sixty (60) Days after the date on which bids are opened.

The undersigned Bidder understands that any clarification made to the above or any new and different conditions or information submitted on or with its Proposal, other than that requested, may render the bid non-responsive.

The undersigned, as Bidder, declares that the only persons or parties interested in this Proposal as principals are those named herein; that this Proposal is made without collusion with any other person, firm, or corporation; that the Bidder has carefully examined the location of the proposed Work, the attached Form of Agreement, and the plans, Specifications, and other Contract Documents; and agrees if this Proposal is accepted, that it will contract with the City of Roseville, in the form of a copy of the Agreement contained in the Project Manual, to provide all necessary machinery, tools, apparatus and other means of construction, and to do all the work and furnish all the materials specified in the Contract Documents, in the manner and time therein prescribed, and according to the requirements of the Director, as therein set forth, and that the Bidder will take in full payment therefore prices indicated in the Schedule of Bid Items, including all work modified by addendum numbers \_\_\_\_\_. (IF NONE, STATE NONE).

Bids are required for all Bid Items. The amount of the Bid for comparison purposes will be the total of all items awarded.

The Bidder shall set forth for each item of work, in clearly legible figures, an item (“unit”) price and a total for the item in the respective spaces provided for this purpose in the Schedule of Bid Items.

The prices included within the Schedule of Bid Items include all costs for labor, materials, tools, equipment, services, Subcontractors, suppliers, taxes, insurance, shipment,

delivery, overhead, profit, and for all other costs necessary to perform the Work in accordance with the Contract Documents.

Accompanying this Proposal is \_\_\_\_\_.

(Notice: Insert the words "Cash \$\_\_\_\_\_", "Cashier's Check," "Certified Check," or "Bidder's Bond," as the case may be, in an amount equal to at least ten percent (10%) of the total of the Bid.)

The names of all persons interested in the foregoing Proposal as Principals, are as follows: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

If SOLE OWNER, execute here:

I sign as sole owner of the business named above:

\_\_\_\_\_

If PARTNERSHIP, one or more partners sign here:

The undersigned certify that we are partners in the business named above and that we sign this bid with the full authority to do so:

\_\_\_\_\_  
\_\_\_\_\_

If CORPORATION, execute here:

Corporate Name: \_\_\_\_\_

Incorporated under the laws of the State of \_\_\_\_\_

The undersigned certify that they sign this bid with the full and proper authorization so to do:

By \_\_\_\_\_  
*Signature of Authorized Official\**

By \_\_\_\_\_  
*Signature of Authorized Official\**

\_\_\_\_\_  
*Title*

\_\_\_\_\_  
*Title*

\_\_\_\_\_  
*Typewritten or Printed Name*

\_\_\_\_\_  
*Typewritten or Printed Name*

If JOINT VENTURE, execute here:

Joint Venture name composed of: \_\_\_\_\_

The undersigned certify that they sign this bid with the full and proper authorization so to do:

\_\_\_\_\_  
*Signature of Authorized Official\**

\_\_\_\_\_  
*Signature of Authorized Official\**

\_\_\_\_\_  
*Title*

\_\_\_\_\_  
*Title*

\_\_\_\_\_  
*Typewritten or Printed Name*

\_\_\_\_\_  
*Typewritten or Printed Name*

\*If Bidder is a partnership or Joint Venture, give the full names of all partners and/or Joint Ventures in the space provided (use additional sheet if required). If Bidder is a corporation, two signatures are required as follows: (1) the Chairman, President, or Vice-President and (2) the Secretary, Assistant Secretary, Chief Financial Officer, Treasurer, or Assistant Treasurer. In the alternative, this Agreement may be executed by a single officer or a person other than an officer provided that evidence satisfactory to City is provided demonstrating that such individual is

authorized to bind the corporation (example, a copy of a certified resolution from the corporation's board or a copy of the corporation's bylaws).

[LIST OF SUBCONTRACTORS FOLLOWS ON NEXT PAGE.]

## LIST OF SUBCONTRACTORS

Contractor's Name: \_\_\_\_\_

The Bidder is required to furnish the following information in accordance with the provisions of Section 4100 and 4114, inclusive, of the Public Contract Code of the State of California. This list and information shall include all Subcontractors that perform work, provide labor or render services to the Bidder in connection with the Project in an amount in excess of one-half of one percent (0.5%) of the total amount of the Bidder Grand Total Price.

| PORTION/<br>TYPE OF<br>WORK | % OF<br>CONTRACT | SUB-<br>CONTRACTOR'S<br>NAME | CONTRACTOR<br>LICENSE NO. | DIR REG NO. | BUSINESS ADDRESS<br>(CITY, STATE) |
|-----------------------------|------------------|------------------------------|---------------------------|-------------|-----------------------------------|
|                             |                  |                              |                           |             |                                   |
|                             |                  |                              |                           |             |                                   |
|                             |                  |                              |                           |             |                                   |
|                             |                  |                              |                           |             |                                   |
|                             |                  |                              |                           |             |                                   |
|                             |                  |                              |                           |             |                                   |
|                             |                  |                              |                           |             |                                   |
|                             |                  |                              |                           |             |                                   |

SECURITY FOR COMPENSATION CERTIFICATE

(Required by California Labor Code Section 1861)

TO: City Council  
City of Roseville

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.

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(Signature of Bidder)

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Business Address

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Telephone

BIDDER'S BOND

City Council of the City of Roseville

KNOW ALL MEN BY THESE PRESENTS:

That we \_\_\_\_\_  
\_\_\_\_\_, as PRINCIPAL, and  
\_\_\_\_\_  
a, \_\_\_\_\_ and duly authorized to transact business  
under the laws of the State of California, as SURETY, are held and firmly bound unto the City of  
Roseville in the penal sum of \_\_\_\_\_ dollars  
(\$\_\_\_\_\_), being at least TEN PERCENT (10%) OF THE TOTAL AMOUNT OF  
THE BID of the Principal above named, submitted by said Principal to the City of Roseville,  
acting by and through the Public Works Director, for the work described below, for the payment  
of which sum in lawful money of the United States, well and truly to be made, to the Director of  
the Department to which said Bid was submitted, we bind ourselves, our heirs, executors,  
administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH,

That whereas the Principal has submitted the above-mentioned Bid to the City Council of  
the City of Roseville, as aforesaid, for certain construction specifically described as follows, for  
which Bids are to be opened at the Office of the City Clerk located at 311 Vernon Street,  
Roseville, California, on \_\_\_\_\_, 20\_\_ FOR

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(Copy here the exact title of work as it appears on the Proposal.)



NOW, THEREFORE, IF THE AFORESAID PRINCIPAL is awarded the Contract and, within the time and manner required under the Contract Documents, after the prescribed forms are presented for signature, enters into a written Contract, in the prescribed form, in accordance with the Bid, and files all insurance and two (2) Bonds with the Department, one (1) to guarantee Faithful Performance and the other to guarantee Payment for Labor and Materials, as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and effect.

IN WITNESS WHEREOF, we have hereunto set our hands and seals on this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_(Seal)

\_\_\_\_\_(Seal)

\_\_\_\_\_(Seal)

Principal

\_\_\_\_\_(Seal)

\_\_\_\_\_(Seal)

\_\_\_\_\_(Seal)

Surety

\_\_\_\_\_

\_\_\_\_\_  
Business Address

NOTE: To be considered complete, both the Principal and the Surety must sign this Bidder's Bond. In addition, signatures of those executing for the Surety must be properly acknowledged.

Project \_\_\_\_\_

Contractor \_\_\_\_\_

## SCHEDULE OF BID ITEMS

NONCOLLUSION DECLARATION TO BE EXECUTED BY  
BIDDER AND SUBMITTED WITH BID

The undersigned declares:

I am the \_\_\_\_\_ of \_\_\_\_\_, the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The Bidder has not directly or indirectly induced or solicited any other Bidder to put in a false or sham bid. The Bidder has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham bid, or to refrain from bidding. The Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the Bidder or any other Bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other Bidder. All statements contained in the bid are true. The Bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a Bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the Bidder.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on \_\_\_\_\_ [date], at \_\_\_\_\_ [city], \_\_\_\_\_ [state].

\_\_\_\_\_  
(Signature of Declarant)

## DISQUALIFICATION QUESTIONNAIRE

The Bidder shall complete, under the penalty of perjury, the following questionnaire:

Has the Bidder, any officer of the Bidder, or any employee of the Bidder who has proprietary interest in the Bidder, ever been disqualified, removed, or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

Yes \_\_\_\_\_

No \_\_\_\_\_

If the answer is yes, explain the circumstances in the following space.

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NAME OF BIDDER: \_\_\_\_\_

SIGNATURE OF BIDDER: \_\_\_\_\_

TITLE OF BIDDER: \_\_\_\_\_

DATE: \_\_\_\_\_

## ACKNOWLEDGEMENT OF INSURANCE AND BOND REQUIREMENTS

Included in the Bid Price is full compensation for the requirements set forth in the  
INSURANCE BROKER INFORMATION PACKET of the Project Manual.

NAME OF BIDDER: \_\_\_\_\_

SIGNATURE OF BIDDER: \_\_\_\_\_

TITLE OF BIDDER: \_\_\_\_\_

DATE: \_\_\_\_\_

## DISCLAIMER OF WARRANTIES AND ACCURACY OF DATA

Although soil and site investigation reports have been obtained from sources believed to be reliable, no warranty expressed or implied is made regarding accuracy, adequacy, completeness, legality, reliability or usefulness of any information contained therein. These reports are subject to change at any time, may be incomplete, and/or may contain errors. This information is provided for informational purposes only. The City of Roseville provides this information on an "as is" basis. Warranties of any kind, express or implied, or statutory, including but not limited to the implied warranties of merchantability, and fitness for a particular purpose ARE DISCLAIMED to any party viewing these documents or to any third party.

The City of Roseville does not accept and expressly disclaims liability to any party viewing such information, or to any third party whatsoever, for any loss, damage, or injury (including incidental or consequential damages) whether such loss, damage, or injury is the result of negligence, willful or intentional misconduct, or any other cause.

I have read and acknowledged the above disclaimer and agree to hold harmless the City of Roseville on any theory of liability for any loss, damage or injury whether in contract, strict liability or tort arising in any way out of the use or contents of the released information or documents described above or the performance of the work called for herein.

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Print Name

---

Signature

---

Name of Business/Company/Corporation

---

Date

---

Address

---

Phone

**END OF PROPOSAL**

## A G R E E M E N T

THIS AGREEMENT, is made and entered into this \_\_\_\_ day of \_\_\_\_\_,  
20\_\_\_\_, by and between the City of Roseville, a municipal corporation, (“CITY”), and  
\_\_\_\_\_, a \_\_\_\_\_,  
 (“CONTRACTOR”); and

## W I T N E S S E T H:

WHEREAS, the City Council of the CITY, at a meeting held on the \_\_\_\_ day of  
\_\_\_\_\_, 20\_\_\_\_, approved plans and specifications for the \_\_\_\_\_  
\_\_\_\_\_ and directed the City Clerk to advertise for sealed proposals for doing said work and providing  
that bids be submitted on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_; and

WHEREAS, the City Clerk, thereafter duly and regularly caused a notice to be published  
in the manner and for the time prescribed by law; and

WHEREAS, CONTRACTOR, pursuant to the provisions of said notice duly filed a bid  
with the City Clerk, a true copy of which bid is now on file in the office of the City Clerk, and is  
hereby referred to and by this reference made a part hereof as fully as if set forth at length herein;  
and

WHEREAS, all bids received pursuant to said notice were opened and examined and  
publicly declared at the time specified in said advertisement for bids and at a meeting of the City  
Council held on the \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, the Council found and



declared the bid of CONTRACTOR to be the lowest responsible bid and thereupon awarded a contract to CONTRACTOR to do the work referred to in the aforementioned specifications.

NOW, THEREFORE, the parties agree as follows:

1. THE WORK. CONTRACTOR agrees:

a. To do the work and furnish all the labor, materials, tools, supplies, equipment, superintendence, insurance, and bonds required for the \_\_\_\_\_

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in accordance with the Contract Documents (the Work).

b. To do and perform the Work contemplated hereby in a good and workmanlike manner under the direction of and to the satisfaction of the Director of Public Works of the City of Roseville.

2. PAYMENT. CITY shall pay CONTRACTOR \_\_\_\_\_ dollars (\$\_\_\_\_\_) for the Work to be done under this Agreement in accordance with the Contract Documents.

3. CONTRACT DOCUMENTS. The complete Agreement between the parties hereto consists of the following documents:

- a. The advertisement for bids (including the notice to bidders, instructions to bidders and proposals);
- b. The accepted bid;
- c. Plans and specifications (including standard construction specifications, special provisions and construction details);
- d. Bonds and insurance required by the specifications; and

e. This contract.

All documents specified above are intended to operate so that any work called for in any one and not mentioned in the other, or vice versa, is to be executed the same as if mentioned in all said documents.

4. LIQUIDATED DAMAGES. In the event CONTRACTOR does not complete the Work within the time specified, CONTRACTOR agrees that CITY will suffer damages. Inasmuch as the actual damages which would result from such breach by CONTRACTOR under this Agreement are uncertain, and would be impractical or extremely difficult to fix, CONTRACTOR agrees that it shall pay, or CITY shall deduct from CONTRACTOR's fee, the amount of \$\_\_\_\_\_ per day as liquidated damages, in the event of such delay.

5. TIME OF COMPLETION. Time is of the essence of this Agreement. CONTRACTOR shall complete all Work under the Contract Documents within \_\_\_\_\_ Days of the date of this Contract. CONTRACTOR shall begin work by the date specified in the "Notice to Proceed" letter and shall diligently prosecute all of the Work under this Contract in all parts and requirements as defined in the Contract Documents.

6. SERVICE OF NOTICE. Any notice required or permitted to be given under this Agreement shall be deemed given when (a) personally delivered to the recipient identified below; (b) mailed by registered or certified mail, return receipt requested, postage pre-paid, to the address specified below; or (c) sent by facsimile, with confirmation of receipt, to the facsimile number identified below.

CITY OF ROSEVILLE

CONTRACTOR

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CITY may also act through either its architect or construction manager if CITY expressly gives notice to CONTRACTOR, in writing, that CITY's designee has authority to act for CITY in a specific capacity.

7. DISPUTES. Disputes arising from this Agreement will be determined in accordance with the Contract Documents and Public Contract Code Sections 10240-10240.13.

8. GOVERNING LAW. This Agreement shall be governed by and construed in accordance with the laws of the State of California.

9. INDEPENDENT CONTRACTOR. CONTRACTOR shall act as an independent contractor, and covenants and agrees that it will conduct itself consistent with such status, that it will neither hold itself out as, nor claim to be, an officer or employee of CITY by reason of this Agreement.

10. SUCCESSORS IN INTEREST. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.

11. MODIFICATION. This Agreement and each provision contained herein may be waived, amended, supplemented or eliminated only by mutual written agreement of the parties.

12. SEVERABILITY. If any of the provisions contained in this Agreement are for any reason held invalid or unenforceable, such holding shall not affect the remaining provisions or the validity and enforceability of the Agreement as a whole.

13. INTEGRATED AGREEMENT. This is an integrated agreement and contains all of the terms, considerations, understanding and promises of the parties. It shall be read as a whole.

14. CONTRACTORS LICENSE LAW. CONTRACTORS ARE REQUIRED BY LAW TO BE LICENSED AND REGULATED BY THE CONTRACTORS' STATE LICENSE

BOARD WHICH HAS JURISDICTION TO INVESTIGATE COMPLAINTS AGAINST CONTRACTORS IF A COMPLAINT REGARDING A PATENT ACT OR OMISSION IS FILED WITHIN FOUR (4) YEARS OF THE DATE OF THE ALLEGED VIOLATION. A COMPLAINT REGARDING A LATENT ACT OR OMISISON PERTAINING TO STRUCUTRAL DEFECTS MUST BE FILED WITHIN TEN (10) YEARS OF THE DATE OF THE ALLEGED VIOLATION. ANY QUESTIONS CONCERNING A CONTRACTOR MAY BE REFERRED TO THE REGISTRAR, CONTRACTORS' STATE LICENSE BOARD, P.O. BOX 26000, SACRAMENTO, CALIFORNIA 95826.

IN WITNESS WHEREOF, the City of Roseville, a municipal corporation, has authorized the execution of this Agreement in duplicate by its City Manager and attestation by its City Clerk under authority of Resolution No. \_\_\_\_\_, adopted by the Council of the City of Roseville on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_, and CONTRACTOR has caused this Agreement to be duly executed.

CITY OF ROSEVILLE, a  
municipal corporation

\_\_\_\_\_  
\_\_\_\_\_

BY: \_\_\_\_\_  
DOMINICK CASEY  
City Manager

BY: \_\_\_\_\_  
its: \_\_\_\_\_

and

ATTEST:

BY: \_\_\_\_\_  
its: \_\_\_\_\_

BY: \_\_\_\_\_  
CARMEN AVALOS  
City Clerk

APPROVED AS TO FORM:

BY: \_\_\_\_\_  
MICHELLE SHEIDENBERGER  
City Attorney

APPROVED AS TO SUBSTANCE:

BY: \_\_\_\_\_  
JASON SHYKOWSKI  
Public Works Director

## INSURANCE BROKER INFORMATION PACKET

Project:\_\_\_\_\_

### NOTICE TO CONTRACTOR:

For your convenience, this package contains the Requirements for Insurance and Bonds for this project, including the necessary City forms. You are required to return these forms in addition to the executed Contract within fifteen (15) calendar days after the award of the Bid, unless otherwise directed by City in writing. (See the Instructions to Bidders.)

Please insert the dollar amount of your accepted Bid into the blank on page INS-1 and present this entire package to your insurance broker if you are awarded the Bid.

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| Insurance Requirements                 | INS 2       |
| Public Works Faithful Performance Bond | INS 7       |
| Public Works Payment Bond              | INS 9       |

## NOTICE TO INSURANCE BROKER

Your client has been awarded a bid by the City Council of the City of Roseville to perform a public works project known as \_\_\_\_\_. The Contract Conditions for that project require your client (“the Contractor”) to return certain evidence of insurance and bonds to the City Attorney of the City within fifteen (15) days after the Bid award, unless otherwise directed by the City in writing, or else the Bid award may be terminated and awarded to another company.

This package contains the information you will need as an insurance broker to provide the appropriate insurance and bonds to the City. The insurance coverages the Contractor needs are specified in the section entitled “Insurance Requirements.” Please note that, in addition to the insurance certificate itself, copies of several endorsements must be actually furnished.

Please refer to Special Provisions for modifications of the Standard Construction Specifications, if any, and the requirements of this insurance packet.

Please use the standard City of Roseville Bond Forms provided in this package.

The Bonds required must each be in the penal amount of: \$\_\_\_\_\_.

Bonds must be sent to the following staff person:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Insurance documents must be provided using one of the following methods:

- a. By email to [roseville@ebix.com](mailto:roseville@ebix.com) and [riskmanagement@roseville.ca.us](mailto:riskmanagement@roseville.ca.us)
- b. By fax to (770) 335-5727 and (916) 774-5461

After using one of these methods, please **DO NOT** send the insurance certificate(s) by mail.

When forwarding the documents, please refer to the project name so that the documents can be matched with the Contract for which they are submitted.

Thank you.



## INSURANCE REQUIREMENTS

The following sections are quoted from the Standard Construction Specifications:

7-1.06        **INSURANCE COVERAGE.**

A.     Evidence of Maintenance Required. The Contractor shall, at its expense, procure and at all times maintain in full force and effect at a minimum the insurance required by this section on all of its operations; and the Contractor shall not allow any Subcontractor to commence work until similar insurance required of the Subcontractor has been obtained and filed. An original Certificate of Insurance, and copies of all required endorsements, all in a form approved by the Risk Manager, evidencing all required coverage or policies shall be filed after the award of the bid and prior to approval of the Contract by the City Council. Contractor shall provide ten (10) days prior written notice to the City of any reduction of coverage limits or cancellation of the coverage or policies shall be given to the City of Roseville as Certificate holder.

B.     Qualifying Insurers. With the exception of the State Compensation Insurance Fund, all required insurance policies shall be issued by companies acceptable to the City and licensed to do business in the State of California and who hold a current policy holders alphabetic and financial size category rating of not less than AVII according to the most recent issue of Best's Insurance Reports.

C.     Insurance Required.

1.     **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an “occurrence” basis, including products and completed operations with limits of no less than Two Million Dollars (\$2,000,000) per occurrence for bodily injury, personal injury and property damage for projects under One Million Dollars (\$1,000,000) and

limits of no less than Five Million Dollars (\$5,000,000) per occurrence for bodily injury, personal injury and property damage for projects over One Million Dollars (\$1,000,000). If a general aggregate limit applies, either the aggregate limit shall apply separately to this project or the general aggregate limit shall be twice the required occurrence limit.

The Commercial General Liability insurance shall include the following, copies of which shall be provided:

a. Inclusion of the City of Roseville, and its officers, agents, employees, and volunteers, as additional insureds (except for workers' compensation) as respects services or operations under the Contract. The additional insured endorsement for the general liability policy shall be at least as broad as the ISO CG 2010 10 01 combined with ISO CGL Endorsement CG 2037 10 01. Any other endorsement must be approved in writing by the City. Endorsements must include coverage for on-going and completed operations, which coverage shall be maintained for four (4) years following completion of the Project. Endorsements shall cover the City of Roseville, its officers, agents, employees, and volunteers.

b. The insurance shall provide coverage for claims by one insured against another insured and the policies shall not contain any cross-suits exclusions, cross-liability exclusions, or insured versus insured exclusions. The policies shall not contain any classification exclusions purporting to deny coverage for any work to be performed by Contractor or any of its Subcontractors.

c. Stipulation that the insurance is primary and noncontributory, as evidenced by a separate endorsement (CG 20 01 04 13 or an equivalent) or section of the policy, and that neither the City nor its insurers will be called upon to contribute to a loss.

d. Such insurance shall specifically cover the contractual liability of the Contractor.

e. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

f. Waiver of subrogation endorsement.

g. The Contractor shall furnish a certificate for the period covered.

2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering Code 1 (any auto), or if Contractor has no owned autos, Code 8 (hired) and Code 9 (non-owned), with limits of no less than One Million Dollars (\$1,000,000) per accident for bodily injury and property damage.

3. **Workers' Compensation:** In accordance with the provisions of the California Labor Code, Contractor is required to be insured against liability for Workers' Compensation or to undertake self-insurance. Statutory Workers' Compensation and Employers' Liability of at least One Million Dollars (\$1,000,000) shall cover all Contractors staff while performing any work incidental to the performance of this Agreement.

4. **Professional Liability:** Professional Liability (Errors and Omission) Insurance appropriate to Contractor's profession, with a limit of liability not less than One Million Dollars (\$1,000,000) per occurrence or claim and Two Million Dollars (\$2,000,000) aggregate to cover all design and engineering services rendered by Contractor pursuant to the

Agreement. Coverage must commence from the first day that Contractor or any of its Subcontractors provided any design or engineering services in connection with the Project.

5. **Builder's Risk/Course of Construction Insurance Is \_\_\_\_ OR Is Not \_\_\_\_ Required by Risk Management:** The Contractor shall be responsible for all loss, damage or destruction whatsoever to the work called for by this Contract until the approval of a Notice of Completion or acceptance of the Work if no Notice of Completion is to be recorded.

The Contractor shall secure "All Risk" type of builder's Risk Insurance of the type covering one hundred percent (100%) of the value of the work performed under this Contract (the value is presumed to be the Contract amount unless otherwise stated in Supplemental Conditions) and all materials, equipment, or other items to be incorporated therein while the same are located at the construction site, a bonded warehouse, or its place of manufacture. At any time, the policy shall cover the value of the work completed. The policy shall cover hazards including the losses due to fire, explosion, hail, rain, lightning, flood (separate insurance as needed), vandalism, malicious mischief, wind, collapse, aircraft, and smoke.

The policies providing such insurance shall name the City as a loss payee as its respective interests may appear, and certified copies of such policies shall be filed with the City. The maximum deductible allowable under the Builder's All Risk policy shall be five percent (5%) of the Contract amount.

Builder's Risk Insurance is not required for coverage of losses in excess of five percent (5%) of the Contract amount for damages resulting from earthquake in excess of a magnitude of 3.5 on the Richter scale, or tidal waves. Coverage in the amount of five percent (5%) of the Contract amount for such losses is required.

6. **Pollution Coverage:** Contractor shall procure pollution liability coverage or other insurance covering claims for bodily injury or property damage arising out of the abatement, removal, storage, transportation, or other exposure to hazardous materials or pollutants, in limits not less than Two Million Dollars (\$2,000,000). Contractor shall add the City and all parties required to be indemnified by Contractor as additional insured on all pollution liability policies.

7. **Higher Coverage Limits:** If Contractor maintains higher coverage limits than the amounts shown above, then the City requires and shall be entitled to coverage for the higher coverage limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

8. **Claims Made Coverage:** Liability insurance coverage may not be written on a “claims made” or modified occurrence basis. The Certificate of Insurance must clearly provide that the coverage is on an “occurrence” basis.

7-1.06A **OTHER INSURANCE PROVISIONS.**

A. The requirements of the Standard Specifications as to types and limits of insurance coverage to be maintained by the Contractor, and any approval of insurance by the City, are not intended to, and shall not in any manner limit or qualify the liabilities and obligations otherwise assumed by the Contractor pursuant to the Contract, including, but not limited to, the provisions concerning indemnification, nor preclude the City from taking any other action available to it under any other provision of the Contract or law.

B. The City acknowledges that some insurance requirements contained in these Standard Specifications may be fulfilled by self-insurance on the part of the Contractor. However, this shall not in any way limit liabilities assumed by Contractor under the Contract.

Any self-insurance must be approved in writing by the City, in its sole discretion and shall not reduce the limits of liability. Any deductibles or self-insured retentions (“SIR”) must be declared on the certificate of insurance and approved by City in writing. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or City. City reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

C. The Contractor agrees to include in its contracts with all subcontractors the same requirements and provisions of this Contract, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor’s work. Furthermore, the Contractor shall require its subcontractors to agree to be bound to the Contractor and the City in the same manner and to the same extent as the Contractor is bound to the City under this Contract. Additionally, the Contractor shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of the City’s indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request. Alternatively, the Contractor may insure subcontractor(s) under its own policy.

D. The City, its officers, agents, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. Coverage shall not extend to any indemnity coverage

for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under California Insurance Code Section 11580.04.

E. The limits of insurance required in this Contract may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of the City (if agreed to in a written contract) before the City's own insurance shall be called upon to protect it as a named insured.

F. The insurance procured by Contractor shall be subject to the approval of the City, but any acceptance of insurance certificates by the City shall in no way limit or relieve Contractor of its duties and responsibilities under the Agreement.

G. Contractor shall be responsible for all premiums, deductibles, and self-insured retention applicable to the insurance it is required to procure under the Contract. All deductibles or self-insured retentions over five hundred thousand dollars (\$500,000) must be approved by the City, in writing. Contractor shall be responsible for all deductibles, self-insured retention payments, and/or increased premiums incurred if the City's policies of insurance are forced to cover damages or respond to claims for which Contractor or its Subcontractors were obligated to provide insurance under the Contract.

H. Failure of the City to enforce in a timely manner any of the requirements of these insurance provisions shall not act as a waiver to enforcement of any of these provisions at a later date.

I. Contractor's indemnity obligations shall not be limited by these insurance provisions and shall survive the expiration of the Contract and the insurance provisions of the Contract shall likewise not be limited by the indemnity provisions of the Contract.

**J. THE CITY RESERVES THE RIGHT TO WITHHOLD ANY  
PROGRESS PAYMENTS TO THE CONTRACTOR IN THE EVENT OF  
NONCOMPLIANCE WITH ANY INSURANCE REQUIREMENTS.**



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|                  |
|------------------|
| Bond No. _____   |
| Premium \$ _____ |

**PUBLIC WORKS  
FAITHFUL PERFORMANCE BOND**

(Project: \_\_\_\_\_)

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WHEREAS, the City of Roseville ("CITY") has awarded a bid and contract to \_\_\_\_\_ as contractor ("PRINCIPAL") for the public work described as \_\_\_\_\_ (the "WORK"). The contract ("AGREEMENT"), for the public work described above, and all of its terms and conditions are incorporated by reference and made a part hereof; and

WHEREAS, the PRINCIPAL is required to furnish a bond in connection with the AGREEMENT guaranteeing its faithful performance; and

NOW, THEREFORE, we the undersigned PRINCIPAL and \_\_\_\_\_, a \_\_\_\_\_, admitted and duly authorized to transact business under the laws of the State of California, as SURETY ("SURETY"), are held and firmly bound unto the CITY or its successors and assigns in the sum of \_\_\_\_\_ dollars (\$ \_\_\_\_\_) (which amount is not less than 100% of the AGREEMENT price) to be paid to the CITY or its successors and assigns; and for which payment, well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors or assigns jointly and severally, firmly by these presents.

The condition of this obligation is such that if the PRINCIPAL, or its heirs, executors, administrators, successors or assigns, shall abide by, and in all respects promptly and faithfully perform the covenants, conditions and provisions in said AGREEMENT and any alteration thereof made as therein provided, notice of which alterations to Surety being hereby waived, on its part to be kept and performed at the time and in the manner therein specified, and in all respects according to their true intent and meaning, and shall indemnify and save harmless CITY, its officers, agents, employees, volunteers as therein stipulated, then this obligation shall be null and void; otherwise, this obligation shall be and remain in full force and effect.

As condition precedent to the satisfactory completion of the contract, the obligation of the PRINCIPAL and SURETY under this Bond shall remain in effect for a period of one (1) year after the completion and acceptance of the WORK. During that time, if the PRINCIPAL, its heirs, executors, administrators, successors or assigns fails to make full, complete and satisfactory repair and replacement or totally protect the CITY from any loss or damage made evident during that year which results from or is caused by either defective materials or faulty workmanship in the prosecution of the WORK, then the obligation shall remain in full force and effect. However, anything in

this paragraph to the contrary notwithstanding, the obligation of the SURETY shall continue so long as any obligation of the PRINCIPAL remains.

No prepayment or delay in payments, and no change, extension, addition or alteration of any provision of the AGREEMENT or in the specifications agreed to between the PRINCIPAL and the CITY, or any forbearance on the part of the CITY shall operate to relieve the SURETY. The SURETY hereby waives the provisions of Section 2819 of the California Civil Code. The SURETY waives all rights of subrogation against the CITY or any person employed by the CITY. If the contract price increases by the issuance of change orders, the amount specified in this bond shall increase by the same amount.

Whenever PRINCIPAL shall be and declared by CITY to be in default under the AGREEMENT, SURETY shall promptly remedy the default, or shall promptly do one of the follow at CITY's election:

1. Undertake through its agents or independent contractors, reasonably acceptable to CITY, to complete the AGREEMENT in accordance with its terms and conditions and to pay and perform all obligations of PRINCIPAL under the AGREEMENT, including without limitation, all obligations with respect to warranties, guarantees, and the payment of liquidated damages.
2. Reimburse CITY for all costs CITY incurs in completing the AGREEMENT, and in correcting, repairing or replacing defects in materials or workmanship and/or materials and workmanship which do not conform to the specifications in the AGREEMENT.

SURETY's obligations hereunder are independent of the obligations of any other surety for the performance of the AGREEMENT, and suit may be brought against SURETY and such other sureties, jointly and severally, or against any one or more of them, or against less than all of them without impairing CITY's rights against the others.

No right of action shall accrue on this bond to or for the use of any person or corporation other than CITY or its successors or assigns.

As part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by CITY in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

[SIGNATURES NEXT PAGE]

IN WITNESS WHEREOF, this instrument has been duly executed by the  
PRINCIPAL and SURETY above-named, on the \_\_\_\_ day of \_\_\_\_\_,  
20\_\_\_\_.

PRINCIPAL:

SURETY:

BY: \_\_\_\_\_

BY: \_\_\_\_\_

PRINT NAME: \_\_\_\_\_

PRINT NAME: \_\_\_\_\_

PRINT TITLE: \_\_\_\_\_

PRINT TITLE: \_\_\_\_\_

AND

MAILING ADDRESS:

BY: \_\_\_\_\_

\_\_\_\_\_

PRINT NAME: \_\_\_\_\_

\_\_\_\_\_

PRINT TITLE: \_\_\_\_\_

\_\_\_\_\_

*(Notarization by Surety and copy of  
Power of Attorney required.)*

APPROVED AS TO FORM:

BY: \_\_\_\_\_  
City Attorney

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|                  |
|------------------|
| Bond No. _____   |
| Premium \$ _____ |

**PUBLIC WORKS  
LABOR AND MATERIALS PAYMENT BOND**  
(Project: \_\_\_\_\_)

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WHEREAS, the City of Roseville ("CITY"), has awarded a bid and contract to \_\_\_\_\_  
as contractor ("PRINCIPAL"), for the public work described as \_\_\_\_\_  
\_\_\_\_\_ (the "WORK"). The  
contract ("AGREEMENT"), for the public work described above, and all of its terms and  
conditions are incorporated by reference and made a part hereof; and

WHEREAS, the PRINCIPAL is required to furnish a bond in connection with the  
AGREEMENT guaranteeing payment of persons who provide labor and material; and

NOW, THEREFORE, we the undersigned PRINCIPAL and \_\_\_\_\_  
\_\_\_\_\_, a \_\_\_\_\_, admitted  
and duly authorized to transact business under the laws of the State of California, as  
SURETY ("SURETY"), are held and firmly bound unto the CITY or its successors and  
assigns in the sum of \_\_\_\_\_  
dollars (\$ \_\_\_\_\_) (which amount is not less than 100% of the  
AGREEMENT price) to be paid to the CITY or its successors and assigns; and for which  
payment, well and truly to be made, we bind ourselves, our heirs, executors and  
administrators, successors or assigns jointly and severally, firmly by these presents.

The condition of the obligation is such that if the PRINCIPAL, its subcontractors,  
heirs, executors, administrators, successors or assigns fails to pay any of the persons  
named in Section 8004 or 9100 of the Civil Code of the State of California, or the  
amounts due under the Unemployment Insurance Code of the State of California, or any  
amounts required to be deducted, withheld and paid over to the Employment  
Development Department from the wages of employees of the PRINCIPAL and its  
subcontractors pursuant to Section 13020 of the Unemployment Insurance Code, with  
respect to work or labor performed by any such claimant, that the SURETY will pay for  
the same, in an amount not exceeding the sum specified in this bond, and also, in case  
suit is brought upon the bond, shall pay reasonable attorneys' fees, to be fixed by the  
Court.

This bond shall inure to the benefit of any and all persons, companies, and  
corporations entitled to file a Stop Payment Notice pursuant to the provisions of Section  
9350 et seq. of the Civil Code of the State of California, so as to give a right of action to  
them or their assigns in any suit brought upon this bond.

No prepayment or delay in payments, and no change, extension, addition or alteration of any provision of the AGREEMENT or in the specifications agreed to between the PRINCIPAL and the CITY, or any forbearance on the part of the CITY shall operate to relieve the SURETY. The SURETY hereby waives the provisions of Section 2819 of the California Civil Code. The SURETY waives all rights of subrogation against the CITY or any person employed by the CITY. If the contract price increases by the issuance of change orders, the amount specified in this bond shall increase by the same amount.

As part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees, including reasonable attorneys' fees, incurred by CITY in successfully enforcing such obligation, all to be taxed as costs and included in any judgment rendered.

IN WITNESS WHEREOF, this instrument has been duly executed by the PRINCIPAL and SURETY above-named, on the \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_.

PRINCIPAL:

SURETY:

BY: \_\_\_\_\_

BY: \_\_\_\_\_

PRINT NAME: \_\_\_\_\_

PRINT NAME: \_\_\_\_\_

PRINT TITLE: \_\_\_\_\_

PRINT TITLE: \_\_\_\_\_

AND

MAILING ADDRESS:

BY: \_\_\_\_\_

\_\_\_\_\_

PRINT NAME: \_\_\_\_\_

\_\_\_\_\_

PRINT TITLE: \_\_\_\_\_

\_\_\_\_\_

*(Notarization by Surety and copy of  
Power of Attorney required.)*

APPROVED AS TO FORM:

BY: \_\_\_\_\_  
City Attorney

**CITY OF ROSEVILLE**

**STANDARD CONSTRUCTION SPECIFICATIONS**

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## **ADOPTION OF STATE SPECIFICATIONS**

1. The State of California Department of Transportation (“Caltrans”) Standard Specifications dated 2015, are hereby adopted as the Standard Specifications of the City of Roseville except insofar as they may be modified by these Standard Construction Specifications.

2. Except for Division 1, Section 2, numbering in these Standard Construction Specifications conforms to that in the Caltrans Standard Specifications. The existence of a section in these Standard Construction Specifications means that the corresponding section of the Standard Specifications is modified in some respect. Unless otherwise specified, the modified Standard Specification provisions are deleted entirely, and the provisions of these Standard Construction Specifications are substituted.

### **DIVISION 1. GENERAL PROVISIONS**

#### **SECTION 1. GENERAL**

**ACCEPTANCE.** Shall mean the formal Acceptance by resolution of the Roseville City Council of an entire Contract which has been completed in all respects in accordance with the Plans and specifications and any modifications thereof previously approved, causing a notice of completion to be filed with the County Recorder.

**ATTORNEY GENERAL.** The City Attorney of the City of Roseville.

**CITY ATTORNEY.** The City Attorney of the City of Roseville.

**CITY CLERK.** Shall mean the City Clerk of the City of Roseville.



**DEPARTMENT.** Shall mean the Department of Public Works of the City of Roseville, also referred to as the Department of Contract Administration. References made to the Department of Transportation otherwise shall mean the State of California Department of Transportation.

**DIRECTOR.** Shall mean the Public Works Director of the City of Roseville or his or her duly authorized representative.

**ENGINEER.** Shall mean the Public Works Director of the City of Roseville or his or her duly authorized representative.

**ESTIMATED COST.** The estimate prepared by the Public Works Director of quantities of work to be performed.

**LIQUIDATED DAMAGE.** The amount to be deducted from payments due or to become due to the Contractor for delay, as set forth in the Special Provisions.

**PLANS.** The official Project Plans, Standard Plans, Improvement Plans, Construction Standards, profiles, typical cross sections, general cross sections, working drawings, and supplemental drawings, or reproductions thereof, approved by the Director which show the location, character, dimensions and details of the work to be performed. All such documents are to be considered as a part of the Plans whether or not reproduced in the Special Provisions.

In the above definition, the following terms are defined as follows:

a. Standard Plans - The Standard Plans of the Department of Transportation of the State of California.

b. Project Plans - The Project Plans are specific details and dimension peculiar to the Work and supplemented by the Standard Plans, insofar as the same may apply.

c. Construction Standards - The City of Roseville Design and Construction Standards.

**STATE.** Reference to the State or State of California shall mean City or City of Roseville unless the reference is to a law or regulation of the State, and reference to Sacramento shall mean Roseville unless otherwise noted.

## **SECTION 2. BIDDING**

**SECTION 2 SHALL BE DELETED IN ITS ENTIRETY AND REPLACED WITH THE FOLLOWING:**

2-1.01 **PROPOSAL FORMS.** The Department will furnish to each Bidder a standard proposal form, which, when filled out and executed shall be submitted as its bid. Bids not presented on forms so furnished will be disregarded.

The proposal form is bound in a book together with the Notice to Contractors, special provisions, and Contract. The proposal shall set forth for each item of work, in clearly legible figures and words, an item price and a total for the item in the respective spaces provided, and shall be signed by the Bidder, who shall fill out all blanks in the proposal form as required therein.

All items shown on the schedule of bid items shall be properly filled in and shall include all costs of labor, materials, equipment, and State, Federal, or other taxes applicable to the transaction. The completed forms shall be without inter-lineations, erasures or alterations of any nature. If the proposal is made by an individual, his or her name and post office address must be shown; if made by a firm or partnership, the name and post office address of each member of the

firm or partnership must be shown; or if made by a corporation, the proposal shall show the name of the State under the laws of which the corporation was chartered and the names, titles, and business addresses of the president, secretary, and treasurer of said corporation. If the proposal is signed by an agent, a “Power of Attorney” must be filed with the proposal.

The proposal shall be submitted as directed in the “Notice to Contractors” under sealed cover plainly marked as a proposal, and identifying the project to which the proposal relates and the time and date of the bid opening therefor. Proposals which are not properly marked may be disregarded. Proposal forms shall be obtained from the Director of Public Works, City of Roseville, California. Proposal forms are not transferable.

2-1.02        **REJECTION OF PROPOSALS AND DISQUALIFICATION OF BIDDERS.** Proposals may be rejected if they show any alterations of the forms, additions not called for, conditional bids, incomplete bids, erasures or irregularities of any kind. More than one proposal from an individual, firm, partnership, corporation or association under the same or different names, will not be considered. Reasonable grounds for believing that any Bidder is interested in more than one (1) proposal for the work contemplated, will cause the rejection of all proposals in which the Bidder is interested. The City reserves the right to reject any and all proposals.

2-1.03        **PROPOSAL GUARANTY.** All bids shall be presented under sealed cover and accompanied by one (1) of the following forms of Bidder's security.

a.        Cash, a cashier's check, a certified check, or a Bidder's bond executed by an admitted California surety insurer, made payable to the City.

b. The security shall be in an amount equal to at least ten percent (10%) of the bid amount. A bid will not be considered unless one (1) of the forms of Bidder's security is enclosed with it.

c. A Bidder's bond will not be accepted unless it conforms to a bond form approved by the City Attorney. Upon request "Bidder's Bond" forms may be obtained from the Department.

2-1.04        **WITHDRAWAL OF PROPOSALS.** Any bid may be withdrawn at any time prior to the time fixed in the public notice for the deadline submission of bids only by written request for the withdrawal of the bid filed with the Director. The request shall be executed by the Bidder or his or her duly authorized representative. The withdrawal of a bid does not prejudice the right of the Bidder to file a new bid. Whether or not bids are opened exactly at the time fixed in the public notice for opening bids, a bid will not be received after the deadline for submission of bids nor may any bid be withdrawn after the time fixed in the public notice for deadline for submission of bids. Immediately following the deadline for submission of bids all bids shall become the property of the City of Roseville and City is under no obligation to return the bids.

2-1.05        **RELIEF OF BIDDERS.** If the Bidder claims a mistake was made in his or her bid, the Bidder shall give the Department written notice within five (5) calendar days after the opening of the bids of the alleged mistake, specifying in the notice in detail how the mistake occurred. No relief from a claimed mistaken bid shall be granted unless such mistake clearly appears on the face of the bid submitted to the City. Claimed mistakes on backup worksheets, spreadsheets, computerized bidding programs, or any other similar calculative bidding mistake which is not apparent on the face of the bid shall not under any circumstance be considered as a

basis for relief. The burden of proving the occurrence of a mistake entitling a Bidder to relief from its bid rests entirely on the Bidder. Relief from bids shall be in the City's sole discretion.

2-1.06            **PREVIOUS DISQUALIFICATION, REMOVAL OR OTHER**

**PREVENTION OF BIDDING.** A bid may be rejected on the basis of a Bidder, any officer of such Bidder, or any employee of such Bidder who has a proprietary interest in such Bidder, having been disqualified, removed, or otherwise prevented from bidding on, or completing a Federal, State, or local project because of a violation of law or a safety regulation.

2-1.07            **COMPETENCY OF BIDDERS.** If two (2) or more prospective Bidders desire to bid jointly as a joint venture on a single project, they must file an affidavit of joint venture with the Bid on a form approved by the City Attorney, and such affidavit of joint venture will be valid only for the specific project for which it is filed. If such affidavit of joint venture is not filed as aforesaid and approved by the City Attorney prior to the time for awarding bids on the specific project for which it is submitted, a joint bid submitted by said Bidders will be disregarded. No bid will be accepted from or a Contract awarded to any Bidder to whom a proposal form has not been issued pursuant to Section 2-1.06.

2-1.08            **GUARANTY AND WARRANTY.** The Contractor shall guarantee and warrant all materials supplied as being fit for the purpose intended. The Contractor shall guarantee and warrant all work performed as having been accomplished in a proper and workman-like manner. The guarantee and warranty required by this section shall continue for a period of one (1) year after Acceptance of the Work.

Should any failure of the work occur within a period of one (1) year, after Acceptance of the project by the City Council due to faulty materials, poor workmanship, or defective equipment, the Contractor shall promptly make the needed repairs at his or her expense.

The City is hereby authorized to make such repairs if the Contractor fails to make or undertake with due diligence the aforesaid repairs within ten (10) calendar days after being given written notice of such failure; provided, however, that in case of emergency where in the opinion of the Engineer, providing a reasonable attempt has been made to notify the Contractor, delay would cause serious loss or damages, or a serious hazard to the public, the repairs may be made or lights, signs, and barricades erected without prior notice to the Contractor, and the Contractor shall pay the entire cost thereof. At the completion of the work the faithful performance bond may be reduced at the discretion of the City Council to not less than ten percent (10%) of the Contract price to cover said guarantee.

Additional guarantees or warranties may be required by the Special Provisions.

### **SECTION 3. CONTRACT AWARD AND EXECUTION**

3-1.04        **CONTRACT AWARD.** The right is reserved to reject any and all proposals. The award of the Contract, if it be awarded, will be to the lowest responsible Bidder whose proposal complies with all the requirements prescribed. Such award, if made, will be made within sixty (60) calendar days after the public opening of the proposals. If the lowest responsible Bidder refuses or fails to execute the Contract, the Roseville City Council may award the Contract to the second lowest responsible Bidder. Such award, if made, will be made within eighty-two (82) calendar days after the public opening of proposals. If the second lowest responsible Bidder refuses or fails to execute the Contract, the City may award the Contract to the third lowest responsible Bidder. Such award, if made, will be made within one hundred and four (104) calendar days after public opening of the proposals. The above time periods within

which the award of Contract may be made are subject to extension for such further period as may be agreed upon in writing between the City and the Bidder concerned.

All bids will be compared on the basis of the Director's estimate of the quantities of work to be done.

3-1.05        **CONTRACT BONDS.** The successful Bidder, simultaneously with the execution of the Contract, will be required to furnish a payment bond in an amount equal to one hundred percent (100%) of the Contract price, and a faithful performance bond in an amount equal to one hundred percent (100%) of the Contract price; said bonds shall be in a form approved by the City Attorney and shall be secured by a surety company satisfactory to the City Attorney. If the Contract price increases by the issuance of Change Orders, the penal amounts of the bonds required shall increase accordingly.

Furthermore, the successful Bidder shall furnish a certificate from the County Clerk as required by California Civil Code of Procedure Section 995.660(a)(3).

3-1.18        **CONTRACT EXECUTION.** The Contract, in form and contents satisfactory to the City, shall be executed by the successful Bidder and returned, together with the Contract bonds and certificates of insurance within fifteen (15) calendar days after written notice that the Contract has been awarded, or as otherwise directed, in writing, by the City. No proposal shall be considered binding upon the City until the execution of the Contract by the City.

3-1.20        **FAILURE TO EXECUTE CONTRACT.** Section 3-1.20, "Failure to Execute Contract" is added as follows:

“Failure of the lowest responsible Bidder, the second lowest responsible Bidder, or the third lowest responsible Bidder to execute the Contract and file acceptable bonds

and insurance as provided herein within fifteen (15) calendar days, or within a different timeframe specified by City in writing, after such Bidder has received notice that the Contract has been awarded to him or her, shall be just cause for the annulment of the award and the forfeiture of the Bidder's security to the City as Liquidated Damages. The successful Bidder may file with the Roseville City Council a written notice, signed by the Bidder or his or her authorized representative, specifying that the Bidder will refuse to execute the Contract if presented to him or her. The filing of such notice shall have the same force and effect as the failure of the Bidder to execute the Contract and furnish acceptable bonds and insurance within the time prescribed by Section 3-1.18."

#### **SECTION 4. SCOPE OF WORK**

There are no amendments to the Standard Specifications.

#### **SECTION 5. CONTROL OF WORK**

5-1.02        **CONTRACT COMPONENTS.** These Standard Construction Specifications, the Standard Specifications, the Standard Plans, the Improvement Plans, Construction Standards, Project Plans, project Special Provisions (and any addenda), the Agreement, Contract Change Orders, and all supplementary documents are all essential parts of the Contract between Contractor and the City. A requirement occurring in one (1) is as binding



as though occurring in all. They are intended to be complementary, and to describe and provide for a complete work.

In resolving inconsistencies among two (2) or more sections of the Contract Documents, precedence shall be given in the following order:

- A. Special Provisions
- B. City of Roseville Standard Construction Specifications
- C. City of Roseville Design and Construction Standards
- D. State Standard Specifications and Amendments to the State Standard Specifications, Standard Special Provisions, and Plans
- E. Drawings

Should it appear that the work to be done or any of the matters relative thereto are not sufficiently detailed or explained in these specifications, the special provisions, or the Plans, the Contractor shall apply in writing to the Director for such further explanations as may be necessary and shall conform to them as part of the Contract. In the event of any doubt or question arising respecting the true meaning of these specifications, the special provisions or the Plans, reference shall be made to the Director, whose decision thereon shall be final.

In the event of any discrepancy, between any drawing and the figures written thereon, the figures shall be taken as correct. Detail drawings shall prevail over general drawings.

5-1.20B(5)    **CITY OF ROSEVILLE ENCROACHMENT PERMITS.** Section 5-1.20B(5), “City of Roseville Encroachment Permits” is added as follows:

“The Contractor need not obtain a separate encroachment permit from the City prior to construction within street rights-of-way or other City rights-of-way. Execution of the Contract by the City shall be deemed an encroachment permit for work required by

the Contract within rights-of-way. All work shall conform to the rules and regulations of encroachment permits and shall be subject to the inspection and approval of the Director.”

5-1.20B(6) **CITY OF ROSEVILLE BUSINESS LICENSE.** Section 5-1.20B(6), “City of Roseville Business License” is added as follows:

“The Contractor shall obtain a business license from the City prior to commencing work.”

5-1.20B(7) **OTHER PERMITS.** Section 5-1.20B(7), “Other Permits” is added as follows:

“The Contractor in coordination with the Director shall procure any necessary permits which the City has not specifically mentioned as obtaining.”

5-1.31 **JOB SITE APPEARANCE.** The Contractor shall maintain a neat appearance to the work. In any area visible to the public, the following shall apply:

When practicable, broken concrete and debris developed during clearing and grubbing shall be disposed of concurrently with its removal. If stockpiling is necessary, the material shall be removed or disposed of weekly.

The Contractor shall furnish trash bins for all debris from structure construction. All debris shall be placed in trash bins daily. Forms or falsework that are to be reused shall be stacked neatly concurrently with their removal. Forms and falsework that are not to be reused shall be disposed of concurrently with their removal.

Full compensation for conforming to the provisions in this section, not otherwise provided for, shall be considered as included in price paid for the various Contract items of work involved, and no additional compensation will be allowed therefore.

5-1.38        **MAINTENANCE AND PROTECTION RELIEF.** Section 5-1.38 is deleted.

5-1.43        **POTENTIAL CLAIMS AND DISPUTE RESOLUTION.** Section 5-1.43 is deleted in its entirety and replaced with the following:

5-1.43A       **NOTICE OF POTENTIAL CLAIM.** The Contractor shall not be entitled to payment for any additional compensation for any act or failure to act by the City, including failure or refusal to issue a Change Order, or for the happening of any event, thing, occurrence or other cause unless he or she shall have given the City due written Notice of Potential Claim as hereinafter specified.

The written Notice of Potential Claim shall set forth the reasons for which the Contractor believes additional compensation will or may be due, the nature of the costs involved, and, insofar as possible, the amount of the potential claim. The said Notice as above required must have been given to the Director prior to the time that the Contractor shall have performed the Work giving rise to the potential claim for additional compensation, if based on an act or failure to act by the Director, or in all other cases within three (3) Days after the happening of the event, thing, occurrence or other cause giving rise to the potential claim.

If the Notice of Potential Claim does not include complete information about the claim or the parties do not execute a Contract Change Order in connection with the Notice of Potential Claim, Contractor shall submit a complete information about its claim for additional compensation and/or extension of time for performance within fifteen (15) calendar days after such work is performed. Failure to provide written notice of claim prior to undertaking such work or failure to timely submit a complete and specific information about the claim for

additional compensation and/or extension of the time for performance shall be deemed a waiver and abandonment of such claim.

If there is a dispute over any claim, the Contractor shall continue to work during the dispute resolution process in a diligent and timely manner as directed by the City, and shall be governed by all applicable provision of the Agreement.

The Contractor shall maintain cost records of all work that is the basis of any dispute. On a daily basis, Contractor shall submit to City completed daily forms, the format of which will be acceptable to the City, with respect to the Contractor's costs of performing the disputed work. These daily forms shall itemize all of Contractor's costs in performing the disputed work, including, but not limited to, all costs relating to materials, labor and equipment with respect to the disputed work. These daily forms shall provide names or identification and classification of affected workers, the hourly rate of pay and hours worked, and also the size, type, and identification number of equipment and hours operated. Said daily work forms shall be duly signed and verified by the Contractor or its authorized representative. The City's receipt of the Contractors' daily forms shall not constitute an approval of the Contractor's claim. Contractor's failure to submit the daily forms on a daily basis shall constitute a waiver of the Contractor's right to claim any additional compensation for the disputed work.

Each Contractor claim shall include full and complete information concerning the Claim. Contractor shall provide a clear, concise recital of the basis, upon which the claim is asserted, including a designation of the provisions of the Contract Documents upon which the claim is based. Contractor shall also include a statement as to the amount of time and/or compensation sought pursuant to the claim; if Contractor's claim arises from an ongoing occurrence, Contractor shall so state in its claim, including a description of the specific Work activities

affected by the claim. All costs, expenses or damages and extensions of time claimed shall be described in reasonable detail under the circumstances together with complete supporting documentation.

The City will review any timely Notice of Potential Claim and supporting information submitted by Contractor. In conducting this review, the City shall have the right to require the Contractor to submit such additional or supporting documents, data and other information as the City may require.

If an agreement can be reached which resolves the Contractor's claim, the parties will execute a Contract Change Order to document the resolution of the claim. If the parties cannot reach agreement with respect to the Contractor's claim, the Contractor shall still be obligated to comply with the claim identification provisions identified in these Standard Construction Specifications, including but not limited to Section 5-1.43B.

It is the intention of this Section 5-1.43A that differences between the parties arising under and by virtue of the Contract be brought to the attention of the Director at the earliest possible time in order that such matters may be settled, if possible, or other appropriate action promptly taken. The Contractor hereby agrees that he or she shall have no right to additional compensation for any Claim that may be based on any such act, failure to act, event, thing or occurrence for which no timely written Notice of Potential Claim as herein required was filed.

5-1.43B        **CLAIMS.** Contractor must submit all Claims, for which it has previously submitted a Notice of Potential Claim, prior to Acceptance of the Work. Each such Claim must be sent to the City by registered mail or certified mail with return receipt requested and must contain reasonable documentation to support the Claim.

Upon receipt of a Claim, the City shall conduct a reasonable review of the Claim and, within a period not to exceed forty-five (45) calendar days, or such further time as mutually agreed upon or necessary pursuant to Public Contract Code Section 9204, the City shall provide the Contractor a written statement identifying what portion of the Claim is disputed and what portion is undisputed. If the City does not respond to a Claim from the Contractor within the time specified herein, such Claim shall be deemed rejected in its entirety.

Any payment due on an undisputed portion of the Claim shall be processed and made within sixty (60) calendar days after the City issues its written statement.

If the Contractor disputes the City's written response, or if the City does not respond within the time specified herein, the Contractor may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the City shall schedule a meet and confer conference within thirty (30) calendar days for settlement of the dispute.

Within ten (10) business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the City shall provide the Contractor a written statement identifying the portion of the Claims that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the Claims shall be processed and made within sixty (60) calendar days after the public entity issues its written statement. Any disputed portion of the Claim, as identified by the Contractor in writing, shall be submitted to nonbinding mediation, with the City and the Contractor sharing the associated costs equally. The City and the Contractor shall mutually agree to a mediator within ten (10) business days after the disputed portion of the Claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a

qualified neutral third party to mediate with regard to the disputed portion of the Claim. Each party shall be responsible for the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the Claim remaining in dispute shall be resolved in accordance with Section 9-1.22.

5-1.46        **FINAL INSPECTION AND CONTRACT ACCEPTANCE.** When the Director has made the final inspection and determines that the Contract work has been completed in all respects in accordance with the Plans and specifications, the Director will recommend that the Roseville City Council formally accept the work, and immediately upon and after such Acceptance by the City, the Contractor will be responsible for the work done for a period of one (1) year.

## **SECTION 6. CONTROL OF MATERIALS**

6-1.03        **LOCAL MATERIALS.** Local material sites used by the Contractor shall be graded so that, at the time of final inspection of the Contract, they will drain and will blend in with the surrounding terrain.

## **SECTION 7. LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC**

7-1.02K(2)    **WAGES.** The provisions of paragraphs 1 and 2 of Section 7-1.02K(2) of the Standard Specifications are amended to read as follows:

“Pursuant to the provisions of California Labor Code Section 1773, the City has identified the source, stated below, of the general prevailing rate of wages applicable to the

work to be done, for straight time, overtime, Saturday, Sunday and holiday work. The holiday wage rate listed shall be applicable to all holidays recognized in the collective bargaining agreement of the particular craft, classification or type of workmen concerned. The wage rates may be obtained from the State Department of Industrial Relations and/or the following website address: <http://www.dir.ca.gov/dlsr/DPreWageDetermination.htm>, and are incorporated herein as part of the Contract.

Pursuant to California Labor Code Section 1773.2, general prevailing wage rates shall be posted by the Contractor at a prominent place at the site of the work.”

7-1.02K(6)(b) **EXCAVATION SAFETY.** For trenches or excavation five feet (5') or deeper, the Contractor shall obtain from the Division of Industrial Safety, a permit authorizing such construction.

7-1.02O **VEHICLE CODE.** Pursuant to the authority contained in Vehicle Code Section 591, the Department has determined that, within such areas as are within the limits of the project and are open to public traffic, the Contractor shall comply with all the requirements set forth in Vehicle Code Divisions 11, 12, 13, 14, and 15. Attention is directed to the statement in Section 591 that this section shall not relieve the Contractor nor any person from the duty of exercising due care. The Contractor shall take all necessary precautions for safe operation of equipment and the protection of the public from injury and damage from such equipment.

7-1.03 **PUBLIC CONVENIENCE.** Section 7-1.03 of the Standard Specifications is amended in part as follows:

1. Delete paragraph 10 (“Install signs, lights, flares . . .”) and substitute the following:



“In order to expedite the passage of public traffic through or around the work, the Contractor shall install signs, lights, flares, temporary railing (type K), barricades, and other facilities for the sole convenience and direction of public traffic as may be required. Also, as may be required, the Contractor shall furnish competent flaggers whose sole duties shall consist of directing the movement of public traffic through or around the work. The cost of furnishing and installing such signs, lights, flares, temporary railing (type K), barricades, flaggers, and other facilities shall be included in the lump sum paid for traffic control and no additional compensation will be allowed therefor.

In addition to the requirements previously specified for furnishing facilities and flaggers to expedite the safe passage of the public through or around the work, the Contractor shall at his or her expense furnish and erect within or adjacent to the work such warning, regulatory, or guide signs, markers, or devices as are necessary.”

2. Add a paragraph at the end of the section to read as follows:

“In addition to the requirements hereinbefore specified for furnishing facilities and flaggers for expediting the passage of public traffic through or around the work, the Contractor shall furnish and erect, within or adjacent to the limits of the Contract, such warning, regulatory, and guide signs as may be required. The Contractor shall furnish, install and remove all such signs. Payment for furnishing, installing and removing all such signs shall be included in the lump sum price paid for traffic control and no additional compensation will be allowed therefor.”

7-1.04        **PUBLIC SAFETY.** It is the intent of the parties that the City is not an exposing, creating, controlling, or correcting employer under California Labor Code Section 6400. In accordance with generally accepted construction practices and State law, the Contractor

shall have the authority and be solely and completely responsible for conditions on the job site, including safety of all persons and property during performance of the Work. Moreover, the Contractor shall be the controlling employer and has the authority and responsibility to enforce worksite safety. The Contractor shall be responsible for conducting daily safety inspections and assuring all hazards and violations are abated. The Contractor is responsible for assuring that all subcontractors adhere to the minimum CAL/OSHA safety requirements and that each subcontractor has an effective CAL/OSHA IIP (Illness and Injury Protection Program) in place that specifically addresses all potential exposures, such as, but not limited to, fall protection, confined space, and trenching/shoring. These requirements shall apply continuously and not be limited to normal working hours. The Contractor shall be responsible for any delay costs or damages in the event the progress of Work is slowed or stopped due to a safety violation.

The services of the Director in conducting construction review of the Contractor's performance is not intended to include review of the adequacy of the Contractor's Work methods, equipment, bracing or scaffolding, or safety measures, in, on, or near the construction site. If a City employee observes a safety violation, the City employee will report the violation to the Contractor who is then responsible for assuring the violation is abated.

The Contractor is hereby informed that Work on this project could be hazardous. The Contractor shall carefully instruct all personnel working in potentially hazardous Work areas as to potential dangers and shall provide such necessary safety equipment and instructions as are necessary to prevent injury to personnel and damage to property. Special care shall be exercised relative to Work underground.

All Work and materials shall be in strict accordance with all applicable State, City, County, and Federal Rules, Regulations, and Codes, and attention is drawn to the requirements

of CAL/OSHA. The Contractor shall be solely responsible for compliance with all City, County and State blasting requirements and for any damages caused by his or her operations.

In accordance with California Labor Code Section 6705, the Contractor shall submit to the City specific plans to show details of provisions for worker protection from caving ground. This in no way relieves the Contractor from the requirement of maintaining safety in all operations performed by the Contractor or the Contractor's subcontractors. The detailed plan showing design of shoring, bracing, sloping or other provisions shall be prepared by a registered civil or structural engineer in the State of California as required. Acceptance by the City or its designated agent only constitutes acknowledgment of the submission and does not constitute review or approval of the designs, design assumptions or criteria, completeness of submissions, applicability to areas of intended use, nor implementation of the plans, which are solely the responsibility of the Contractor and his or her registered engineer.

Notwithstanding any classifications relative to the Tunnel Safety Orders, Work within confined spaces on this project is subject to the definitions and applicable provisions of California Code of Regulations Section 8400 et seq., Title 8.

The Contractor shall so perform its Work as not to expose personnel to, or to discharge into the atmosphere from any source whatever, smoke, dust, asbestos, toxic chemicals or other air contaminants in violation of the laws, rules, and regulations of the governmental entities having jurisdiction. Contractors or subcontractors removing one hundred or more square feet (100') of asbestos must be "Certified" in accordance with State law. All Work involving exposure to asbestos and all other hazardous materials shall be performed with protection of personnel in compliance with all applicable regulations and safety requirements.

Nothing in these Standard Construction Specifications is to be construed to permit Work not conforming to governing codes. When Contract Documents differ from governing codes, the Contractor shall furnish and install the higher standards called for without extra charge. All equipment furnished shall be grounded and provided with guards and protection as required by safety codes. Where vapor tight or explosion proof electrical installation is required by code, this shall be provided. In accordance with the provisions of Labor Code Section 6707, the Contractor shall provide adequate sheeting, shoring and bracing for employee protection, as provided in the proposal as separate Bid Items.

7-1.05        **INDEMNIFICATION.** The City of Roseville and its officers, agents, employees, and volunteers, including but not limited to the Director, shall not be answerable or accountable in any manner: for any loss or damage that may happen to the work or any part thereof; for any loss or damage to any of the materials or any things used or employed in performing the work; for injury to or death of any person, either workers or the public; or for damage to property from any cause which might have been prevented by the Contractor, his or her workers, or anyone employed by the Contractor or his or her subcontractors.

The Contractor shall be responsible for any liability imposed by law and for injuries to, or death of, any person including, but not limited to, workers and the public, or damage to property resulting from defects or obstructions, or from any cause whatsoever during the progress of the work or at any time before its completion and final Acceptance.

To the fullest extent allowed by law, the Contractor shall defend (through counsel acceptable to the City), indemnify, and save harmless the City of Roseville and its officers, agents, employees, and volunteers from all claims, suits, or actions of every name, kind, and description, brought forth, or on account of, injuries to or death of any person including, but not

limited to, workers and the public, or damage to property resulting from the performance of the Contract, except as otherwise provided by statute.

The duty of the Contractor to defend, indemnify, and save harmless includes, but is not limited to, the duties to defend as set forth in Civil Code Section 2778. The Contractor waives any and all rights to any type of express or implied indemnity against the City, its officers, agents, employees, or volunteers.

It is the intent of the parties that the Contractor will defend, indemnify, and hold harmless the City of Roseville, its officers, agents, employees, and volunteers from any and all claims, suits, or actions as set forth above regardless of existence or degree of fault or negligence, on the part of the City, the Contractor, the subcontractor or employee of any of these; except the duty does not apply where the injury or damage is due to the sole or active negligence or willful misconduct of the City.

The Contractor's responsibility for such defense and indemnity obligations shall survive the termination or completion of this Contract for the full period of time allowed by law. The defense and indemnity obligations of this Contract are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained in this Contract. The parties intend that the defense and indemnity obligations in this Contract shall be broadly construed.

In addition to any remedy authorized by law, so much of the money due the Contractor under and by virtue of the Contract as shall be considered necessary by the City may be retained by the City until disposition has been made of such suits or claims for damages.

The retention of money due the Contractor shall be subject to the following:

A. The City will give the Contractor thirty (30) calendar days' notice of its intention to retain funds from any partial payment which may become due to the Contractor prior

to Acceptance of the Contract. Retention of funds from any payment made after Acceptance of the Contract may be made without such prior notice to the Contractor.

B. No retention of additional amounts out of partial payments will be made if the amount to be retained does not exceed the amount being withheld from partial payments pursuant to Section 9-1.16F, “Retentions,” of the Standard Construction Specifications.

C. If the City had retained funds and it is subsequently determined that the City is not entitled to be indemnified and saved harmless by the Contractor in connection with the matter for which such retention was made, the City shall be liable for interest on the amount retained at the legal rate of interest for the period of such retention.

7-1.06        **INSURANCE COVERAGE.** Section 7-1.06 Insurance in the Standard Specifications shall be deleted in its entirety and replaced with the following:

A.    **Evidence of Maintenance Required.** The Contractor shall, at its expense, procure and at all times maintain in full force and effect at a minimum the insurance required by this section on all of its operations; and the Contractor shall not allow any Subcontractor to commence work until similar insurance required of the Subcontractor has been obtained and filed. An original Certificate of Insurance, and copies of all required endorsements, all in a form approved by the Risk Manager, evidencing all required coverage or policies shall be filed after the award of the bid and prior to approval of the Contract by the City Council. Contractor shall provide ten (10) days prior written notice to the City of any reduction of coverage limits or cancellation of the coverage or policies shall be given to the City of Roseville as Certificate holder.

B.    **Qualifying Insurers.** With the exception of the State Compensation Insurance Fund, all required insurance policies shall be issued by companies acceptable to the

City and licensed to do business in the State of California and who hold a current policy holders alphabetic and financial size category rating of not less than AVII according to the most recent issue of Best's Insurance Reports.

C. Insurance Required.

1. **Commercial General Liability (CGL):** Insurance Services Office Form CG 00 01 covering CGL on an “occurrence” basis, including products and completed operations with limits of no less than Two Million Dollars (\$2,000,000) per occurrence for bodily injury, personal injury and property damage for projects under One Million Dollars (\$1,000,000) and limits of no less than Five Million Dollars (\$5,000,000) per occurrence for bodily injury, personal injury and property damage for projects over One Million Dollars (\$1,000,000). If a general aggregate limit applies, either the aggregate limit shall apply separately to this project or the general aggregate limit shall be twice the required occurrence limit.

The Commercial General Liability insurance shall include the following, copies of which shall be provided:

a. Inclusion of the City of Roseville, and its officers, agents, employees, and volunteers, as additional insureds (except for workers’ compensation) as respects services or operations under the Contract. The additional insured endorsement for the general liability policy shall be at least as broad as the ISO CG 2010 10 01 combined with ISO CGL Endorsement CG 2037 10 01. Any other endorsement must be approved in writing by the City. Endorsements must include coverage for on-going and completed operations, which coverage shall be maintained for four (4) years following completion of the Project. Endorsements shall cover the City of Roseville, its officers, agents, employees, and volunteers.

b. The insurance shall provide coverage for claims by one insured against another insured and the policies shall not contain any cross-suits exclusions, cross-liability exclusions, or insured versus insured exclusions. The policies shall not contain any classification exclusions purporting to deny coverage for any work to be performed by Contractor or any of its Subcontractors.

c. Stipulation that the insurance is primary and noncontributory, as evidenced by a separate endorsement (CG 20 01 04 13 or an equivalent) or section of the policy, and that neither the City nor its insurers will be called upon to contribute to a loss.

d. Such insurance shall specifically cover the contractual liability of the Contractor.

e. Any available insurance proceeds in excess of the specified minimum insurance coverage requirements and limits shall be available to the additional insureds. Furthermore, the requirements for coverage and limits shall be: (1) the minimum coverage and limits specified in this Agreement; or (2) the full coverage and maximum limits of any insurance proceeds available to the named insureds, whichever is greater.

f. Waiver of subrogation endorsement.

g. The Contractor shall furnish a certificate for the period covered.

2. **Automobile Liability:** Insurance Services Office Form Number CA 0001 covering Code 1 (any auto), or if contractor has no owned autos, Code 8 (hired) and Code 9 (non-owned), with limits of no less than One Million Dollars (\$1,000,000) per accident for bodily injury and property damage.

3. **Workers' Compensation:** In accordance with the provisions of the California Labor Code, Contractor is required to be insured against liability for Workers'



Compensation or to undertake self-insurance. Statutory Workers' Compensation and Employers' Liability of at least One Million Dollars (\$1,000,000) shall cover all Contractors staff while performing any work incidental to the performance of this Agreement.

4. **Professional Liability:** Professional Liability (Errors and Omission) Insurance appropriate to Contractor's profession, with a limit of liability not less than One Million Dollars (\$1,000,000) per occurrence or claim and Two Million Dollars (\$2,000,000) aggregate to cover all design and engineering services rendered by Contractor pursuant to the Agreement. Coverage must commence from the first day that Contractor or any of its Subcontractors provided any design or engineering services in connection with the Project.

5. **Builder's Risk/Course of Construction Insurance (If Required by Risk Management):** The Contractor shall be responsible for all loss, damage or destruction whatsoever to the work called for by this Contract until the approval of a Notice of Completion or acceptance of the Work if no Notice of Completion is to be recorded.

The Contractor shall secure "All Risk" type of builder's Risk Insurance of the type covering one hundred percent (100%) of the value of the work performed under this Contract (the value is presumed to be the Contract amount unless otherwise stated in Supplemental Conditions) and all materials, equipment, or other items to be incorporated therein while the same are located at the construction site, a bonded warehouse, or its place of manufacture. At any time, the policy shall cover the value of the work completed. The policy shall cover hazards including the losses due to fire, explosion, hail, rain, lightning, flood (separate insurance as needed), vandalism, malicious mischief, wind, collapse, aircraft, and smoke.

The policies providing such insurance shall name the City as a loss payee as its respective interests may appear, and certified copies of such policies shall be filed with the City. The

maximum deductible allowable under the Builder's All Risk policy shall be five percent (5%) of the Contract amount.

Builder's Risk Insurance is not required for coverage of losses in excess of five percent (5%) of the Contract amount for damages resulting from earthquake in excess of a magnitude of 3.5 on the Richter scale, or tidal waves. Coverage in the amount of five percent (5%) of the Contract amount for such losses is required.

6. **Pollution Coverage:** Contractor shall procure pollution liability coverage or other insurance covering claims for bodily injury or property damage arising out of the abatement, removal, storage, transportation, or other exposure to hazardous materials or pollutants, in limits not less than Two Million Dollars (\$2,000,000). Contractor shall add the City and all parties required to be indemnified by Contractor as additional insured on all pollution liability policies.

7. **Higher Coverage Limits:** If Contractor maintains higher coverage limits than the amounts shown above, then the City requires and shall be entitled to coverage for the higher coverage limits maintained by Contractor. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the City.

8. **Claims Made Coverage:** Liability insurance coverage may not be written on a "claims made" or modified occurrence basis. The Certificate of Insurance must clearly provide that the coverage is on an "occurrence" basis.

7-1.06A **OTHER INSURANCE PROVISIONS.**

A. The requirements of the Standard Specifications as to types and limits of insurance coverage to be maintained by the Contractor, and any approval of insurance by the City, are not intended to, and shall not in any manner limit or qualify the liabilities and

obligations otherwise assumed by the Contractor pursuant to the Contract, including, but not limited to, the provisions concerning indemnification, nor preclude the City from taking any other action available to it under any other provision of the Contract or law.

B. The City acknowledges that some insurance requirements contained in these Standard Specifications may be fulfilled by self-insurance on the part of the Contractor. However, this shall not in any way limit liabilities assumed by Contractor under the Contract. Any self-insurance must be approved in writing by the City, in its sole discretion and shall not reduce the limits of liability. Any deductibles or self-insured retentions (“SIR”) must be declared on the certificate of insurance and approved by City in writing. Policies containing any SIR provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named insured or City. City reserves the right to obtain a full certified copy of any insurance policy and endorsements. The failure to exercise this right shall not constitute a waiver of such right.

C. The Contractor agrees to include in its contracts with all subcontractors the same requirements and provisions of this Contract, including the indemnity and insurance requirements, to the extent they apply to the scope of the subcontractor’s work. Furthermore, the Contractor shall require its subcontractors to agree to be bound to the Contractor and the City in the same manner and to the same extent as the Contractor is bound to the City under this Contract. Additionally, the Contractor shall obligate its subcontractors to comply with these same provisions with respect to any tertiary subcontractor, regardless of tier. A copy of the City’s indemnity and insurance provisions will be furnished to the subcontractor or tertiary subcontractor upon request. Alternatively, the Contractor may insure subcontractor(s) under its own policy.

D. The City, its officers, agents, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired or borrowed by or on behalf of the Contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts or equipment furnished in connection with such work or operations. Coverage shall not extend to any indemnity coverage for the active negligence of the additional insured in any case where an agreement to indemnify the additional insured would be invalid under California Insurance Code Section 11580.04.

E. The limits of insurance required in this Contract may be satisfied by a combination of primary and excess insurance. Any excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and noncontributory basis for the benefit of the City (if agreed to in a written contract) before the City's own insurance shall be called upon to protect it as a named insured.

F. The insurance procured by Contractor shall be subject to the approval of the City, but any acceptance of insurance certificates by the City shall in no way limit or relieve Contractor of its duties and responsibilities under the Agreement.

G. Contractor shall be responsible for all premiums, deductibles, and self-insured retention applicable to the insurance it is required to procure under the Contract. All deductibles or self-insured retentions over five hundred thousand dollars (\$500,000) must be approved by the City, in writing. Contractor shall be responsible for all deductibles, self-insured retention payments, and/or increased premiums incurred if the City's policies of insurance are forced to cover damages or respond to claims for which Contractor or its Subcontractors were obligated to provide insurance under the Contract.

H. Failure of the City to enforce in a timely manner any of the requirements of these insurance provisions shall not act as a waiver to enforcement of any of these provisions at a later date.

I. Contractor's indemnity obligations shall not be limited by these insurance provisions and shall survive the expiration of the Contract and the insurance provisions of the Contract shall likewise not be limited by the indemnity provisions of the Contract.

**J. THE CITY RESERVES THE RIGHT TO WITHHOLD ANY PROGRESS PAYMENTS TO THE CONTRACTOR IN THE EVENT OF NONCOMPLIANCE WITH ANY INSURANCE REQUIREMENTS.**

## **SECTION 8. PROSECUTION AND PROGRESS**

8-1.04 **START OF JOB SITE ACTIVITIES.** The Contractor shall begin work by the date specified in the "Notice to Proceed" letter, and the Contractor shall thereafter diligently prosecute the work to completion.

The Contractor shall notify the Director, in writing, of his or her intent to commence work at least seventy-two (72) hours before work is begun. The notice shall specify the date on which the Contractor intends to begin work. If a project has more than one (1) location of work, a separate notice shall be given for each location.

Should the Contractor begin work in advance of issuance of a "Notice to Proceed," any work performed in advance of such issuance shall be considered to have been done at Contractor's own risk and as a volunteer.

## SECTION 9. PAYMENT

9-1.11C      **PAYMENT INCLUSIONS.** The following is added to Section 9-1.11C

Payment Inclusions:

“No additional compensation will be made to the Contractor for claims of increased overhead costs occurring within the originally specified construction Contract period plus any time extensions granted by Change Order. No compensation for extended performance will be granted unless the delay exceeds more than half of the float time available at the time of the delay.”

9-1.16E(4)      **STOP NOTICE WITHHOLDS.** The City may, at its option and at any time, retain out of amounts due the Contractor, sums sufficient to cover claims (including costs and attorneys’ fees), filed pursuant to California Civil Code Section 9350 et seq.

9-1.16F      **RETENTIONS.** The Department shall retain five percent (5%) of the Contract price as part security for the fulfillment of the Contract by the Contractor.

9-1.16G      **PAYMENT OF WITHHELD FUNDS.** Section 9-1.16G, “Payment of Withheld Funds” is added as follows:

“Except as otherwise prohibited by law, the Contractor may elect to receive all payments due under the Contract pursuant to without any retention. If the Contractor so elects, a deposit with the City of securities with a value equivalent to the retention that would otherwise be withheld by the City shall be made. Said security shall be as provided in California Public Contract Code Section 22300, and shall be approved by the City both as to sufficiency and form. In the alternative, the Contractor may elect to deposit such securities in an escrow account and enter into a standard form Escrow

Agreement for Security Deposits in Lieu of Retention. Blank Agreements are available from the Public Works Director and the City Attorney's Office.”

9-1.17            **PAYMENT AFTER CONTRACT ACCEPTANCE.** “Final Payment”

shall be made in accordance with this section. The Contractor shall, after the completion of the Contract, submit a final estimate of the amount of work done thereunder and the value of such work. Upon approval of the estimate by the Director, the City of Roseville shall pay the entire sum so found to be due after deducting therefrom all previous payments and all amounts to be kept and all amounts to be retained under the provisions of the Contract. All prior partial estimates and payments shall be subject to correction in the final estimate and payment. The final payment shall not be due and payable until the expiration of thirty five (35) calendar days from the date of Acceptance of the work by the City Council, and thirty-five (35) calendar days after filing of the Notice of Completion with the County of Placer.

No certificate given or payments made under the Contract, except the final certificate or final payment, shall be conclusive evidence of the performance of the Contract, either wholly or in part, and no payment (including the final payment) or certificate shall be construed to be an Acceptance of any defective work or improper materials. Final payment shall not release the Contractor from one (1) year guarantee of the work as provided in Section 7-1.17, “Acceptance of Contract” and Section 2-1.12 “Guarantee and Warranty” of these Specifications.

## SECTION 14. ENVIRONMENTAL STEWARDSHIP

14-8.02        **NOISE CONTROL.** The provisions of Section 14-8.02 of the Standard Specifications are amended by adding the following:

“The Contractor shall additionally conform to the provisions of Roseville Municipal Code Chapter 9.24 where such provisions are more restrictive than these specifications.”

14-9.01        **AIR QUALITY GENERAL.** The provisions of Section 14-9.01, “Air Quality General” of the Standard Specifications are amended by adding the following:

“Material to be disposed of shall not be burned unless the Contractor has obtained a permit to burn combustible material resulting from clearing and grubbing operations from the Placer County Air Pollution Control District and City of Roseville Fire Marshall. A copy of the permits shall be filed with the Director

before beginning any burning. All such burning shall be conducted in strict conformance with the provision stipulated in said permits and at such times and in such manner as to prevent fire from spreading to areas adjoining the right-of-way.”

14-11.02A      **ASBESTOS REMOVAL AND DISPOSAL.** Section 14-11.02A, “Asbestos Removal and Disposal” is added as follows:

“The Contractor shall comply with all rules, regulations, statutes and ordinances regarding asbestos removal and disposal, including but not limited to, 42 U.S.C. Sections 7401, 7412 and 7601 and 40 C.F.R. Part 61, Subpart M.



If the Contractor discovers that a building to be demolished or renovated contains asbestos containing material, the Contractor shall immediately cease work and notify the City.”

**END OF STANDARD SPECIFICATIONS**

TEXT OF AB 626

**Assembly Bill No. 626**

**CHAPTER 810**

**An act to add and repeal Section 9204 of the Public Contract Code, relating to public contracts.**

[Approved by Governor September 29, 2016. Filed with Secretary of State September 29, 2016.]

**LEGISLATIVE COUNSEL'S DIGEST**

AB 626, Chiu. Public contracts: claim resolution.

Existing law prescribes various requirements regarding the formation, content, and enforcement of state and local public contracts. Existing law applicable to state public contracts generally requires that the resolution of claims related to those contracts be subject to arbitration. Existing law applicable to local agency contracts prescribes a process for the resolution of claims related to those contracts of \$375,000 or less.

This bill would establish, for contracts entered into on or after January 1, 2017, a claim resolution process applicable to any claim by a contractor in connection with a public works project. The bill would define a claim as a separate demand by the contractor for one or more of the following: a time extension for relief from damages or penalties for delay, payment of money or damages arising from work done pursuant to the contract for a public work, or payment of an amount disputed by the public entity, as specified.

This bill would require a public entity, defined to exclude certain state entities, upon receipt of a claim sent by registered or certified mail, to review it and, within 45 days, provide a written statement identifying the disputed and undisputed portions of the claim. The bill would authorize the 45-day period to be extended by mutual agreement. The bill would require any payment due on an undisputed portion of the claim to be processed within 60 days, as specified. The bill would require that the claim be deemed rejected in its entirety if the public entity fails to issue the written statement.

This bill would authorize, if the claimant disputes the public entity's written response or if the public entity fails to respond to a claim within the time prescribed, the claimant to demand to meet and confer for settlement of the issues in dispute. The bill would require any disputed portion of the claim that remains in dispute after the meet and confer conference to be subject to nonbinding mediation, as specified. The bill would provide that unpaid claim amounts accrue interest at 7% per annum. The bill would prescribe a procedure by which a subcontractor or lower tier contractor may make a claim through the contractor.

This bill would require the text of these provisions, or a summary, to be set forth in the plans or specifications for any public work which may give rise to a claim. The bill would specify that a waiver of these rights is void and contrary to public policy, except as specified. The bill would also specify that it does not impose liability on a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

By increasing the duties of local agencies and officials, this bill would impose a state-mandated local program.

This bill would, on January 1, 2020, repeal the provision establishing the claim resolution process.

This bill would specify that these provisions constitute a matter of statewide concern.

The California Constitution requires the state to reimburse local agencies and school districts for certain costs mandated by the state. Statutory provisions establish procedures for making that reimbursement.

This bill would provide that, if the Commission on State Mandates determines that the bill contains costs mandated by the state, reimbursement for those costs shall be made pursuant to these statutory provisions.

The people of the State of California do enact as follows:

**SECTION 1.** Section 9204 is added to the Public Contract Code, to read:

**9204.** (a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.

(b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.

(c) For purposes of this section:

(1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:

(A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.

(B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.

(C) Payment of an amount that is disputed by the public entity.

(2) "Contractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.

(3) (A) "Public entity" means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.

(B) "Public entity" shall not include the following:

(i) The Department of Water Resources as to any project under the jurisdiction of that department.

(ii) The Department of Transportation as to any project under the jurisdiction of that department.

(iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.

(iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.

(v) The Military Department as to any project under the jurisdiction of that department.

(vi) The Department of General Services as to all other projects.

(vii) The High-Speed Rail Authority.

(4) "Public works project" means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

(5) "Subcontractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.

(d) (1) (A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2) (A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

(B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each

party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.

(C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.

(D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.

(E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.

(3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.

(4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.

(5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

(e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.

(f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.

(g) This section applies to contracts entered into on or after January 1, 2017.

(h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.

(i) This section shall remain in effect only until January 1, 2020, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2020, deletes or extends that date.

## **SECTION 2.**

The Legislature finds and declares that it is of statewide concern to require a charter city, charter county, or charter city and county to follow a prescribed claims resolution process to ensure there are uniform and equitable procurement practices.

## **SECTION 3.**

If the Commission on State Mandates determines that this act contains costs mandated by the state, reimbursement to local agencies and school districts for those costs shall be made pursuant to Part 7 (commencing with Section 17500) of Division 4 of Title 2 of the Government Code.



**SPECIAL PROVISIONS  
FOR THE CITY OF ROSEVILLE  
PLEASANT GROVE BOULEVARD WIDENING**

**SCOPE OF SPECIAL PROVISIONS**

The work described in these Special Provisions shall be performed in conformance with the latest editions of the City of Roseville Standard Construction Specifications, City of Roseville Design and Construction Standards, 2015 State of California Standard Specifications, Amendments to the 2015 Standard Specifications, 2015 Standard Special Provisions, and 2015 Standard Plans, except insofar as these Special Provisions may modify them.

With the exception of section 2, "Bidding," numbering in these Special Provisions conforms to that in the State Standard Specifications. The existence of a section in these Special Provisions means that the corresponding section in the Standard Construction Specifications, State Standard Specifications, and/or State Revised Standard Specifications is modified in some respect.

The construction materials, payments, etc., for items of work shown in the proposal and on the plans, but not specifically mentioned in these Special Provisions are referred to the Standard Construction Specifications, State Standard Specifications, and/or State Revised Standard Specifications for conformance.



## ORGANIZATION

Special provisions are under headings that correspond with the main-section headings of the *Standard Specifications*. A main-section heading is a heading shown in the table of contents of the *Standard Specifications*.

Each special provision begins with a revision clause that describes or introduces a revision to the *Standard Specifications* as revised by any revised standard specification.

Any paragraph added or deleted by a revision clause does not change the paragraph numbering of the *Standard Specifications* for any other reference to a paragraph of the *Standard Specifications*.

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## DIVISION I GENERAL PROVISIONS

## 1 GENERAL

**Add to section 1-1.07B:**

Definitions and Abbreviations – Whenever in the State Standard Specifications, Special Provisions, Notice to Contractors, Proposal, Contract, or other contract documents the following abbreviations and terms are used, the intent and meaning shall be interpreted as follows:

| <u>Abbreviation or Term</u>   | <u>Intent and Meaning</u>                                                                                                                                     |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| AGENCY                        | The Department of Public Works, City of Roseville                                                                                                             |
| CITY                          | The City of Roseville and its applicable Departments                                                                                                          |
| CALTRANS                      | State of California, Department of Transportation                                                                                                             |
| DEPARTMENT                    | The Department of Public Works, City of Roseville                                                                                                             |
| STATE STANDARD SPECIFICATIONS | The State Standard Specifications issued by the State of California, Department of Transportation, dated 2015, and subsequent Revised Standard Specifications |
| ADMINISTRATOR                 | The Director of Public Works/City Engineer, as created by law; also the City Engineer                                                                         |
| ENGINEER                      | City Engineer, and agents or assistants duly authorized by the Director of the Public Works to act on his behalf                                              |

**Replace the following definitions in section 1-1.07B:**

**Director:** Public Works Director, City of Roseville

**Engineer:** City Engineer, and agents or assistants duly authorized by the Director of the Public Works to act on his behalf

**Add to section 1-1.07B:**

**Replace the definition for holiday in section 1-1.07B with:**

**Holiday:** Holiday shown in the following table:

**Holidays**

| Holiday                | Date observed               |
|------------------------|-----------------------------|
| New Year's Day         | January 1st                 |
| Martin Luther King Day | Third Monday in January     |
| President's Day        | Third Monday in February    |
| Memorial Day           | Last Monday in May          |
| Independence Day       | July 4th                    |
| Labor Day              | First Monday in September   |
| Veteran's Day          | November 11th               |
| Thanksgiving Day       | Fourth Thursday in November |
| Day after Thanksgiving | Fourth Friday in November   |
| Christmas Day          | December 25th               |

When a designated holiday falls on a Saturday or Sunday, the preceding Friday or following Monday (respectfully) shall be a designated holiday.

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## **2 BIDDING**

### **Add section 2-1.00, "SCOPE" as follows:**

The bidder's attention is directed to the provisions in section 2, "Proposal Requirements and Conditions", of the Standard Construction Specifications for the requirements and conditions which he/she must observe in the preparation of the proposal form and the submission of the bid.

**Add between the 1st and 2nd paragraphs of section 2-1.06B:**

The City of Roseville makes the following supplemental project information available

**Supplemental Project Information**

| Means                                             | Description                                                                             |
|---------------------------------------------------|-----------------------------------------------------------------------------------------|
| Available for inspection at:<br>City of Roseville | Pleasant Grove Boulevard Widening Project,<br>Geotechnical Report, dated March 13, 2023 |

A Project Manual, including all Contract Documents and the Proposal forms for bidding this project, may be purchased or downloaded on-line from Public Purchase service at <http://www.publicpurchase.com/>. The service requires that the Contractor establish a username and password in order to download and/or order plans and specifications.

In addition to the requirements of the Notice to Contractor's and the Standard Construction Specifications, proposals must be submitted to the City Clerk, under sealed cover and plainly marked on the outside, PLEASANT GROVE BOULEVARD WIDENING PROJECT no later than the date and time of public submittal of proposals as specified in the Notice to Contractor's. Any addenda to these Special Provisions or other contract documents shall be acknowledged where indicated.

[illegible]

The Contractor must be properly licensed as a contractor from contract award through Contract acceptance (Public Contract Code § 10164).

[illegible]

- Widening of Pleasant Grove Blvd between Woodcreek Oaks Blvd and Foothills Blvd

- Modifications to existing traffic signals along Pleasant Grove Blvd at the intersections of Country Club Drive and Foothills Blvd
- Installation of landscaping and new trees within the median of Pleasant Grove Blvd
- Installation of water line improvements to the ASR site near Misty Wood Drive

The work includes improvements including but not limited to clearing and grubbing, excavation, construction and paving including full depth reclamation pavement (FDR), street lighting, modifications of traffic signal, landscaping and irrigation, grading, drainage, utilities, striping, water, and all other improvements as shown on contract plans.

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## 5 CONTROL OF WORK

### **Add to section 5-1.01:**

All work is subject to inspection and approval by the Engineer. The Contractor shall notify the Engineer, along with all affected utility companies, 2 working days in advance of the start of work to coordinate and schedule inspection staff.

For the award of the "Project", the City and the Resident Engineer will provide inspection on an eight-hour (8) day and a forty-hour (40) week (Monday through Friday) basis only. The Contractor must reimburse the City at a rate of \$175 per hour and the Resident Engineer at \$225 per hour for all inspection in excess of those hours listed above, including designated holidays and weekends. Requests for authorization to perform work outside the hours of 7:00 a.m. to 4:00 p.m., Monday through Friday, must be made in writing at least 48 hours in advance.

Attention is directed to Section 7-1.03, "Public Convenience" of the State Standard Specifications concerning project working hours.

The Contractor shall provide a competent person during normal working hours to assist the Engineer, when required, in checking the Contractor's layout and for measuring quantities for payment purposes.

The Contractor shall cooperate with the Engineer so that checking and measuring may be accomplished with the least interference to the Contractor's operations.

### **Replace the 2nd paragraph in section 5-1.02 with:**

Any discrepancies or omissions found in the Contract Documents must be reported to the Engineer immediately. The Engineer will clarify discrepancies or omissions, in writing, within a reasonable time.

In resolving inconsistencies among two or more sections of the Contract Documents, precedence is given in the following order:

1. Notice to Contractors
2. Special Provisions
3. Project Drawings
4. City of Roseville Standard Construction Specifications (Latest Editions)
5. City of Roseville Design and Construction Standards and Amendments (Latest Editions)
6. City of Roseville Parks Construction Standards (Latest Edition)

7. 2015 Revised Standard Specifications
8. 2015 Caltrans Standard Specifications
9. 2015 State Revised Standard Plans
10. 2015 State Standard Plans
11. Supplemental Project Information

Addenda take precedence over all sections referenced therein. Figure dimensions on Drawings take precedence over scale dimensions. Detailed Drawings take precedence over general Drawings.

### **Replace section 5-1.05 with:**

#### **5-1.05 ORDER OF WORK**

Prior to beginning work, the boundaries of the Environmentally Sensitive Areas (ESA) must be clearly delineated in the field. The boundaries must be delineated by the installation of temporary high-visibility fence.

Prior to mobilization, the Contractor must contact Underground Service Alert (U.S.A.).

Attention is directed to "Water Pollution Control" of the State Standard Specifications regarding the submittal and approval of the Contractor prepared Stormwater Pollution Prevention Plan, prior to performing work having potential to cause water pollution.

The Contractor must also prepare a traffic control plan that conforms to Section 12, "Construction Area Traffic Control Devices" of the City of Roseville Construction Standards, the California MUTCD and as described within these Special Provisions prior to construction. The traffic control plan must be approved by the City of Roseville Public Works Traffic Section and follow the sequence reflected on the traffic handling plans.

Attention is directed to "Progress Schedule" of these special provisions regarding the submittal of a general time-scaled logic diagram within 10 days after approval of the contract.

The first order of work shall be to place the order for long lead time materials and equipment including electrical materials that will be furnished by the Contractor for this project. The Contractor must place the order within 15 working days after the Notice to Proceed and after approval of the submittal. Should the City have to supply the Contractor with material and/or equipment to do the work, the Contractor will be charged accordingly per agreed upon cost. Contractor is responsible for providing all materials and shall not rely on the City for any materials other than what is explicitly described and stated in the contract documents. The Contractor must furnish the Engineer with a statement from the equipment vendor(s) that the order for said equipment has been received and accepted by said vendor(s). Said statement must include an anticipated date of delivery of said equipment to the Contractor. Said statement must be furnished to the Engineer within 15 calendar days of the Contractor's receipt of the Notice to Proceed. Signal and lighting equipment must be completed by the end of the Contract. The Contractor must pay liquidated damages per the Special Provisions of this document if the installation of signal and lighting cannot be completed within the above time frame.

Where improvements are immediately adjacent to property owners with landscaped or irrigated areas, Contractor must coordinate with the property owner to confirm the irrigation system to confirm irrigation system is not in conflict with, or has been relocated outside, the project improvements, and is in good working condition. Any damage to the existing irrigation by the Contractor must be repaired by the Contractor at the Contractor's cost.

The Contractor must coordinate with the Parks Construction Inspector prior to disturbing the existing landscape and irrigation owned by the City. The Contractor must field verify the locations of existing irrigation systems prior to construction activities. All new components and landscaping must be per the latest version of the Parks Standards. No disruption of the existing irrigation watering system will be allowed during construction. All adjacent systems must maintain automatic programmed watering schedules throughout the construction. The Contractor is responsible for repairing or replacing and adjusting any portions of the existing irrigation systems impacted during construction of the improvements of this Contract. Existing sod and shrubs areas impacted by construction activities must be per the latest version of the Parks Standards. Time is of the essence on this contract, and the order of all other work must be such as to assure the completion of the project within the allotted working days as described herein while complying with the requirements set forth in the plans, specifications and contract document. Full compensation for conforming to these requirements will be considered as included in the prices paid for the various contract items of work and no additional compensation will be allowed therefor.

The Contractor shall provide a sequence of work for the tie-in to the 36" transmission water main and submit to the Engineer for review and approval.

The following is the construction sequence for the 36"x36"x16" cut-in-tee well site connection. All work shall be done per the contract documents.

1. Contractor shall pothole the existing 36" bar wrapped concrete cylinder pipe at the tie in location and confirm that the tie-in point is located in between the pipe joints.
  - a. If the tie-in location is located on a joint, the contractor must notify the City and the tie-in point shall be moved so that it is located midway between 2 existing pipe joints.
2. Dewatering of the existing water main shall be completed prior to pipe removal per the City of Roseville Construction Standards. The contractor shall work with the City to isolate the pipe section to be worked on. The contractor shall provide sufficient pumps, hoses, fittings, and equipment to direct water to an established point of discharge. The discharge point shall be an improved drainage structure capable of accepting the flow without damaging existing improvements or creating a public hazard. Discharging in or adjacent to public streets shall be scheduled during periods of low traffic volume. Discharge shall be in compliance with all Federal, State and local stormwater discharge requirements, including dichlorination.
3. Contractor shall demolish 40 feet of the existing pipe segment, between existing joint to existing joint.
4. Contractor shall install the welded steel pipe (WSP) spools at the ends of the exposed existing pipe.
5. Contractor shall install the 36"x36"x16" CML&C WSP tee and connect to the new spools with butt-straps per the contract plans.
6. Contractor shall install handholes as necessary to apply mortar lining on the interior joints and any other missing or damaged cement mortar lining in the vicinity of the spools and tee.
7. Contractor shall repair any missing or damaged exterior pipe coatings.

The Contractor shall follow the above sequence and any deviations shall be submitted to the Engineer for review and approval prior to performing any work.

Following the completion of the work, the Contractor must provide the City with a copy of the record as-built drawings.



**Add to the end of section 5-1.20A:**

During the progress of the work under this Contract, work under the following contracts may be in progress at or near the job site of this Contract. The Contractor shall coordinate his work with that of others, including utility companies, and, other local agencies to prevent delays.

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It is understood and agreed that the Contractor has considered in his or her bid all of the permanent and temporary utility appurtenances in their present and/or relocated positions as shown on the plans or as described in the specifications, and that no additional compensation will be allowed for any delays, inconvenience, or damages sustained due to any interference from said appurtenances or the operation of moving them. In addition, the Contractor shall not be allowed any additional compensation for delays of inconvenience sustained by the Contractor due to the City not having City-supplied equipment ready for pick-up. In such a case, the City may increase the number of working days for the contract.

Five days prior to beginning work, the Contractor shall provide to the Engineer, in writing, the name and telephone number of a representative who is directly involved with this project, and under the supervision of the Contractor. The Contractor's representative may be contacted by City staff during non-working hours including nights, weekends and holidays in the case of any public inconvenience and/or emergency relating to the Contractor's operations. The Contractor representative shall not be replaced by another company employee for the duration of the project without a written explanation from the Contractor which has been approved by the Engineer. Should a new representative be used, he/she shall be knowledgeable of the project, the events, and/or revisions that may be occurring.

**Add to section 5-1.20B(1):**

The Contractor shall obtain a business license from the City of Roseville prior to performing the work.

The Contractor may use water from City of Roseville fire hydrants provided that the required permits are obtained and the Contractor has paid the associated fees. The contractor shall supply the Engineer with a copy of the required permits.

More information regarding hydrant permits can be found by following the link below:

[https://www.roseville.ca.us/government/departments/environmental\\_utilities/at\\_your\\_service/water\\_supply/hydrant\\_permits](https://www.roseville.ca.us/government/departments/environmental_utilities/at_your_service/water_supply/hydrant_permits)

The contractor shall obtain and comply with all necessary permits, licenses, agreements, and certifications including but not limited to Caltrans and local agency encroachment permits.

**Add to section 5-1.20B(4)**

The Contractor is responsible for making arrangements to stock-pile and store equipment outside the public right of way as work is performed. Personal vehicles of the Contractor's employees shall not be parked on the traveled way, shoulders, or private property, including any section closed to public traffic.

The Contractor shall secure easements at their own expense for any areas required for plant sites, storage of equipment or materials, or for any other purposes. Before occupying any easement area, the Contractor shall provide the Engineer a written statement from each property owner verifying easement acquisition.

Staging areas located on private property shall be restricted to properties where the property owner has given written authorization to the Contractor for use of said property. The Contractor shall submit, at the preconstruction conference, documentation of the written authorization from the property owner(s). Prior to final acceptance of the project, the Contractor shall provide the Engineer a written statement of release from each property owner that granted an easement for the Contractor's operations.

**Replace section 5-1.26 with:**

**5-1.26 CONSTRUCTION SURVEYS**

The Contractor shall be responsible to provide all surveys to control the lines, elevations and dimensions of the work in conformance with the plans. Any deviation from the lines, elevations and dimensions shown on the plans must receive prior approval from the Engineer. Where new construction connects to existing facilities, the Contractor shall check and establish the exact location prior to construction of the facility.

The Contractor shall be responsible for the accuracy of his/her own layout work and shall be responsible and liable for the preservation of all established lines, grades and layout points. Stakes damaged or destroyed by the public, or operations of the Contractor, will be replaced at the Contractor's expense.

**Add to section 5-1.32 of the Revised Standard Specifications:**

The contractor shall submit a haul route.

The haul route must be utilized by all construction traffic. Any observed deviation from this route shall result in damages in the amount of \$1000 per occurrence.

**Add to section 5-1.36 of the Revised Standard Specifications:**

The Contractor shall notify Underground Service Alert (USA) at (800) 642-2444 at least 72 hours in advance of beginning work on the project. The Contractor is cautioned that there are underground and overhead utility facilities within the work area including telephone, electrical, cable television, gas, water and sanitary sewer transmission facilities, fiberoptic, traffic, and storm drainage collection facilities.

The scope of this project is not anticipated to interfere with existing underground or overhead utilities other than to raise manhole and valve covers to grade as necessary. However, the Contractor shall take notice of existing underground utilities and trench lines as improvements will be installed adjacent or in close proximity to existing underground utilities including gas, electrical and cable so as to exercise caution in not damaging or harm to these facilities. The Contractor shall use extreme caution when excavating, raising manholes, and paving in the vicinity of such facilities.

The Contractor shall visit the site of the proposed work and determine the quantity and location of the manholes, valve covers and utility appurtenances to be encountered in the proposed work area and adjust his/her bid accordingly. Damage to such utilities resulting from the Contractor's operations to complete the project shall be repaired at the Contractor's expense.

Where possible conflicts exist, the Contractor shall verify the grade and location of existing underground utilities by careful hand digging prior to beginning work. In the event the Contractor discovers existing utilities within the limits of the excavation, the Contractor shall immediately notify the Engineer and the affected utility owner by the most reasonable expeditious method and later confirm in writing. All required relocation of existing facilities that interfere with the work shall be made by the owning agencies.

All existing utilities are to remain in service during construction. The Contractor shall be required to work around existing utility poles that will remain in the curb or sidewalk. The Contractor shall also be required

to work around existing utility poles that are not within the actual pavement sections. Minor changes in alignment of slopes shall be made to avoid direct conflict that will interfere with the intended purpose of the facility.

**Add to Section 5-1.36E of the Revised Standard Specifications:**

Within the project limits, there are various types of survey monuments including monuments within wells/boxes and unprotected monuments within the existing asphalt.

Prior to the start of work, the contractor shall coordinate with a City contracted surveyor while they mark all monuments within the project with paint. The contractor shall protect all monuments in place. The City may conduct a post construction survey to determine if a monument has been disturbed, obliterated, or otherwise obscured during construction. The Contractor shall be responsible for all costs to re-establish the survey monuments that disturbed, obliterated, or otherwise obscured during construction to the latest City Standards or as directed by the Engineer.

**Add section 5-1.36F:**

It shall be the responsibility of the Contractor to protect existing roadway facilities (including but not limited to culverts, manholes, monuments, railings, signs, traffic signal detectors, and other roadway appurtenances). Facilities damaged due to the Contractor's operations shall be repaired or replaced, as directed by the Engineer, at the Contractor's expense.

In the event that a sign is knocked down or street maintenance type work is required in the City of Roseville, the Contractor shall immediately call Street Maintenance at (916) 774-5790 during business hours or (916) 847-1611 during non-business hours so a repair crew can be dispatched. If traffic signal detector facilities, signal or lighting facilities are cut or damaged during construction, Traffic Signal Maintenance shall be immediately contacted at (916) 774-5339 during business hours or at (800) 745-8894 during non-business hours. Traffic signal detector loops shall be replaced within 24 hours; Traffic signal wiring shall be repaired immediately.

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## **6 CONTROL OF MATERIALS**

**Add to section 6-1.03 of the RSS:**

**6-1.03B Submittals**

**6-1.03B(1) Work Plan**

For local material, such as rock, gravel, earth, structure backfill, pervious backfill, imported borrow, and culvert bedding, obtained from a (1) noncommercial source, or (2) source not regulated under California jurisdiction, submit a local material plan for each material at least 60 days before placing the material. The local material plan must include:

1. Certification signed by you and an engineer who is registered as a civil engineer in the State or a professional geologist licensed as a professional geologist by the State stating:

I am aware local material from a noncommercial source or a source not regulated under CA jurisdiction must be sampled and analyzed for pH and lead and may require sampling and analysis under section 6-1.03B(3) for other constituents of concern based on the land use history. I am aware that local material sources must not contain ADL at concentrations greater than 80 mg/kg total lead or equal to or greater than 5 mg/L soluble lead as determined by the Waste Extraction Test (WET) Procedures, 22 CA Code of Regs § 66261.24(a)(2) App II. I am aware that a maximum quantity of material may be excavated at the site based on the minimum number of samples taken before excavating at the site under section 6-1.03B(3).

2. Land use history of the local material location and surrounding property
3. Sampling protocol
4. Number of samples per volume of local material
5. QA and QC requirements and procedures
6. Qualifications of sampling personnel
7. Stockpile history
8. Name and address of the analytical laboratory that will perform the chemical analyses
9. Analyses that will be performed for lead and pH
10. Other analyses that will be performed for possible hazardous constituents based on:
  - 10.1. Source property history
  - 10.2. Land use adjacent to source property
  - 10.3. Constituents of concern in the ground water basin where the job site is located

The plan must be sealed and signed by an engineer who is registered as a civil engineer in the State or a professional geologist licensed as a professional geologist by the State.

If the plan requires revisions, the Engineer provides comments. Submit a revised plan within 7 days of receiving comments. Allow 7 days for the review.

#### 6-1.03B(2) Analytical Test Results

At least 15 days before placing local material, submit analytical test results for each local material obtained from a noncommercial source or a source not regulated under CA jurisdiction. The analytical test results must include:

1. Certification signed by an engineer who is registered as a civil engineer in the State or a professional geologist licensed as a professional geologist by the State stating:

The analytical testing described in the local material plan has been performed. I performed a statistical analysis of the test results using the US EPA's ProUCL software with the applicable 95 percent upper confidence limit. I certify that the material from the local material source is suitable for unrestricted use at the job site, it has a pH above 5.0, does not contain soluble lead in concentrations equal to or greater than 5mg/l as determined by the Waste Extraction Test (WET) Procedures, 22 CA Code of Regs § 66261.24(a)(2) App II, does not contain lead in concentrations above 80 mg/kg total lead, is free from all other contaminants identified in the local material plan, and will comply with the job site's basin plan and water quality objectives of the RWQCB.

2. Chain of custody of samples
3. Analytical results no older than 1 year
4. Statistical analysis of the data using US EPA's ProUCL software with a 95 percent upper confidence limit
5. Comparison of sample results to hazardous waste concentration thresholds and the RWQCB's basin plan requirements and water quality objectives for the job site location

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## **6-1.03C Local Material Management**

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### **6-1.03C Local Material Management**

#### **Add to section 6-2.02A:**

Material testing for this project will be provided by the Contractor as set forth in section 6 of the State Standard Specifications and the most current City of Roseville's Quality Assurance Program. The Contractor shall perform all testing to verify compliance with the Specifications of any and all materials furnished by the Contractor. The Contractor shall submit and receive the Engineer's approval of all compliance test results prior to incorporating materials into the project. The Contractor may elect to place material without the approved certificates of compliance and mix designs at Contractor's own risk. The Contractor shall notify the Engineer in writing to get the approval of placement of material without approved certificates of compliance and mix design, and \$10,000 will be withheld from the Contractor's progress payment for each certificate of compliance and mix design until the certificate of compliances and mix designs are submitted and approved.

Samples, certificates of compliance, lists of materials and material sources, access to facilities, requests for testing and all other data relating to material testing shall conform to section 6 of the State Standard Specifications, "Control of Materials." Contractor shall provide the Engineer with 5 working days' notice of the need for material testing.

Payment for Material Testing shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in material testing and payment included in the various items of work and no additional compensation will be allowed.

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## **7 LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC**



**Replace *Reserved* in the RSS for section 7-1.02K(6)(j)(iii) with:**

Section 7-1.02K(6)(j)(iii) includes specifications for handling, removing, and disposing of unregulated earth material containing lead. Management of this material exposes workers to health hazards that must be addressed in your lead compliance plan. This material contains average lead concentrations below 80 mg/kg total lead and below 5 mg/L soluble lead and is not regulated by DTSC as a hazardous substance or a hazardous waste. This material does not require disposal at a permitted landfill or solid waste disposal facility. The RWQCB has jurisdiction over reuse of this material at locations outside the job site limits.

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The Contractor shall immediately remove all debris and excess material on gutters, sidewalks, driveways, and planter areas that was tracked or sprayed by equipment or personnel under the Contractor's control.

The Contractor shall cooperate with and notify the local police and fire departments, refuse, ambulance services, transit, hospitals, and Public Works Street Division of proposed construction operations 5 days before work is to begin.

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The Contractor shall prepare a Traffic Control Plan that conforms to section 12, "Temporary Traffic Control."

The sequence of work as reflected on the traffic handling plans:

1. Construct inside road widening between Woodcreek Oaks and Foothills
2. Install landscaping and new trees within median
3. Construct outside widening at Foothills
4. Modify traffic signals
5. Micro-surfacing
6. Permanent striping

After micro-surfacing the roadway, and before the roadway is opened for use by the public, the Contractor shall place temporary pavement delineation.

Permanent pavement delineation shall be installed no earlier than 7 calendar days and no later than 14 calendar days after the microsurfacing.

**Add to section 8-1.02 with:**

Attention is directed to the provisions in Section 8-1.02, "Schedule" of the Standard Specifications and these special provisions.

In addition to Section 8-1.02, "Schedule," of the State Standard Specifications, the Contractor shall submit a draft progress schedule to the Engineer at the pre-construction meeting, final work progress schedule 10 days prior to work commencement of work, and within 5 working days of the Engineer's written request at any other time. The progress schedule shall state the location of work with stationing, the anticipated begin and completion dates and the type of construction operation anticipated for the locations of work with stations. Work that exceeds the stated completion date shall be understood as being out of conformance with the progress schedule and these Special Provisions.

The progress schedule shall clearly show the sequence and interdependence of construction activities and shall list specifically activities for obtaining, delivering, installing and completing of each major piece of equipment, materials and other supplies.

The construction schedule shall:

1. Be a calendar-time scaled network diagram.
2. Include time for the Engineer to review submittals or inspect the work.
3. Identify the activities, which constitute the controlling operation or critical path.

At the discretion of the Engineer, the Contractor shall attend a meeting one day per week for the duration of the project to discuss the project's schedule and construction issues with the City. Meetings will be held at a location to be determined at a later date by the City.

Once each month, or as deemed necessary by the Engineer, the Contractor shall submit a revised progress schedule and participate with the Engineer in a schedule review to update activity progress.

Strict conformance to the progress schedule shall be maintained and revisions to the progress schedule may be allowed only upon written approval by the Engineer.

Scheduling of change orders or extra work orders is the responsibility of the Contractor. The Contractor shall revise the schedule to incorporate all activities involved in completing the change orders or extra work order and submit it to the Engineer for review and approval. With the concurrence of the Engineer, change or extra work orders of a magnitude less than \$500 do not need to be scheduled, unless the order affects the project schedule or outside parties.

If the Engineer finds the Contractor is entitled to an extension of any completion date under the provisions of the contract the Engineer's determination of the total number of days extension will be based upon the current analysis of the schedule and upon data relevant to the extension.

The Contractor acknowledges and agrees that delays to non-critical activities (those with float) will not be the basis for a time extension. Non-critical activities are those activities which, when delayed, do not affect the contract completion date. All float time will jointly belong to the City and Contractor.

Payment for work under this section shall be deemed included in other contract items, and no additional compensation shall be allowed therefor.

**Replace section 8-1.03 with:**

**8-1.03 PRECONSTRUCTION CONFERENCE**

Prior to the start of construction, a preconstruction conference will be called by the Engineer for the purpose of discussing with the Contractor the scope of work, contract drawings, specifications, existing conditions, materials to be tested, equipment to be used, traffic control plan and devices, and all essential matters pertaining to the prosecution and the satisfactory completion of the project as required. The Contractor's representation at this conference shall include all major superintendents for the work and may include major Subcontractors and material suppliers.

The Contractor shall be responsible to coordinate utility relocations within the project area. Coordination of utilities within the project limits, including adjustments of surface features, relocations and maintenance of existing facilities and additions thereto, shall be confirmed in writing by utility representatives and the Contractor at this conference or within 5 working days thereafter.

Add to section 8-1.04: The Contractor shall begin work within 15 calendar days after the issuance of the Notice to Proceed.

This work shall be diligently prosecuted to completion before the expiration of XX Working Days beginning no later than the fifteenth calendar day after the date shown on the Notice to Proceed.

Notify the Engineer in writing that all work has been completed. The Engineer will create a punch list of items to be addressed prior to acceptance. Complete all punch list items within the contract working

**Add to section 8-1.10A:**

The City specifies liquidated damages (Pub Cont Code § 10226). Liquidated damages, if any, accrue starting on the 1st day after the expiration of the working days through the day of Contract acceptance except as specified in sections 8-1.10B and 8-1.10C.

The Engineer will provide written notice of non-conformance to the Contractor within 24 hours of the violation. All Contractor's equipment, machinery, traffic control, and personnel shall be off of the pavement and all lanes shall be open to traffic to be considered as full compliance.

Any progress payment made after the completion date shall not be construed as a waiver of liquidated damages.

**Add to section 8-1.10B:**

The Contractor shall stop overlay work 2 hours prior to the last scheduled working hour for the roadway. The Contractor shall pay to the City liquidated damages of \$1,000 per hour for each hour, or portion of an hour, that work is performed beyond 2 hours prior to the last scheduled working hours.

The roadway shall be fully opened to traffic by the end of the roadways last working hour. The Contractor shall pay to the City liquidated damages of \$1,000 per hour for each hour, or portion of an hour, after the last working hour is exceeded and that a traveled lane remains closed due to the Contractor's operations.

After the working hours of the roadways are exceeded by 1 hour of the last working hour, the Contractor shall pay to the City liquidated damages of \$2,000 per hour for each hour, or, portion of an hour, that a traveled lane remains closed due to the Contractor's operations.

For other failures to complete work within a specified time, unless otherwise specified herein, the Contractor shall pay to the City liquidated damages of \$2,000 per hour for each hour, or, portion of an hour, that the work remains incomplete.

The Engineer will provide written notice of non-conformance to the Contractor within 24 hours of the violation. All Contractor's equipment, machinery, traffic control, and personnel shall be off of the pavement and all lanes shall be open to traffic to be considered as full compliance.

Any progress payment made after the completion date shall not be construed as a waiver of liquidated damages.

**Add to section 8-1.10C with:**

The Contractor shall pay to the City liquidated damages of \$1,000 per day for each day, or portion of a day, should the work schedule not be met as outlined in section 8-1.02, "Schedule" of these Special Provisions. The Contractor shall pay to the City liquidated damages of \$600 per day for each day, or portion of a day, that a street is not swept as outlined in sections 37-2.03I and 37-3.03C(8), "Sweeping" of these Special Provisions.

For other failures to complete work by a specified time, unless otherwise specified herein, the Contractor shall pay to the City liquidated damages of \$2,000 per hour for each hour, or, portion of an hour, that the work remains incomplete.



## **DIVISION II GENERAL CONSTRUCTION**

### **10 GENERAL**

#### **Add to the end of section 10-1.02B:**

Install loop detectors in the uppermost layer of the new pavement overlay in between upper lifts.

#### **Add to the end of section 10-1.02C(2):**

Protect any irrigation component to be relocated before performing any other construction activity in the area.

#### **Add to the beginning of section 10-1.02E:**

Construct the new pavement structure adjacent to the existing traveled way by successively excavating, preparing subgrade, placing base materials, and paving. Perform these activities concurrently after you start paving. Excavation within 8 feet of the existing traveled way must not precede the paving operation by more than 2 working days unless:

1. Authorized
2. Material is placed and compacted against the vertical cuts within 8 feet of the existing traveled way. During excavation, you may use native material for this purpose except you must use structural material once you start placing the pavement structure. Place the material to the top of the existing pavement and taper at a slope of 4:1 (horizontal:vertical) or flatter to the bottom of the excavation. Do not use treated base for the taper.

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## 12 TEMPORARY TRAFFIC CONTROL

**Replace section 12-1.04 with:**

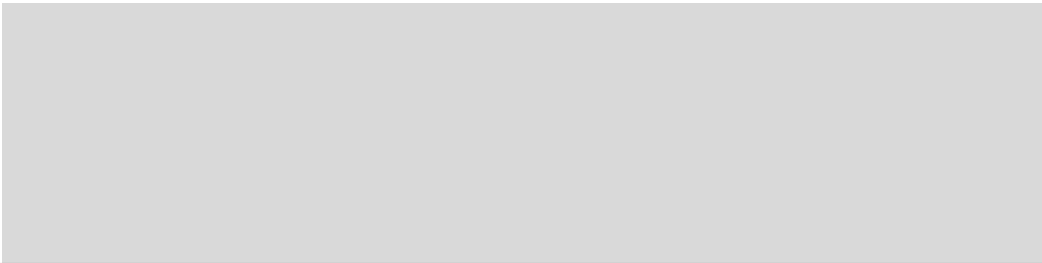
The cost of furnishing all flaggers, including transporting flaggers, to provide for the passage of public traffic through the work under the provisions in "Public Convenience" and "Public Safety" is to be included in the contract lump sum price paid for Traffic Control System.

**Replace section 12-3.01D with:**

Full compensation for providing temporary traffic control devices will be paid as traffic control system.

**Replace *Not Used* in section 12-3.11B(5)(a) of the RSS for section 12 with:**

[illegible]



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**Add to the beginning of section 12-3.32C:**

PCMSs must be placed on Pleasant Grove Boulevard, Woodcreek Oaks, and Foothills Blvd, at least 14 calendar days in advance of work activities that may impact traffic or pedestrian traffic at specified locations by the Engineer including in the north and southbound direction on Woodcreek Oaks and Foothills, in the eastbound direction on Pleasant Grove west of Woodcreek Oaks, in the westbound direction on Pleasant Grove east of Washington and east of Roseville Parkway, and other locations as specified by the Engineer. Contractor shall furnish and install a minimum of 10 PCMS's at locations designated by the Engineer. Contractor must obtain approval from the Engineer regarding the need for the installation and removal of the PCMSs.

1. Stationary lane closure
4. Shoulder closure
5. Speed reduction zone

**Add between the 9th and 10th paragraphs of section 12-3.32C:**

Portable Changeable Message Signs (PCMSs) shall be paid for as a lump sum item. Payment for PCMSs shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in installing PCMSs, as shown on the plans as specified in the State Standard Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

Replace section 12-4.02C(12) of the RSS for section 12 with:

**12-4.02C(12) Construction Work Zone Speed Limit Reduction**

**12-4.02C(12)(a) General**

Section 12-4.02C(12) includes specifications for providing, installing, maintaining, and removing traffic control devices for reducing the speed limit for the construction work zones.

Speed limit reduction is limited to 10 mph from the posted speed limit in construction work zones unless a greater speed limit reduction is specified. Construction work zone speed limit reduction can either be required when construction activities are active in a closure as a temporary condition or 24 hours a day, 7 days a week based on the roadway conditions when specified.

Speed limit reduction for Pleasant Grove Blvd is to be reduced from 45 mph to 35 mph. Place traffic control devices as shown for multiple speed limit reduction steps within traffic control system. Speed limits can be stepped down in 5 or 10 mph increments.

Temporary construction work zone speed limit reduction is required for lane closures when construction activities require workers to be present within the lane closures. Construction work zone speed limit reduction is not required for short duration closures of 1 hour or less or when the length of lane closure is 1/2 mile or less.

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Construction work zone speed limit reduction is required 24 hours a day, 7 days a week when construction activities affect the roadway around the clock 24 hours a day, 7 days a week as shown on the traffic handling plans.

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**12-4.02C(12)(b) Materials**

For construction work zone speed limit reduction for 24 hours a day, 7 days a week, construction area signs must comply with the requirements for stationary-mounted signs in section 12-3.11. When the duration of construction work zone speed limit reduction for 24 hours a day, 7 days a week is 7 days or less, you may use portable signs that comply with the requirements for portable signs in section 12-3.11.

For temporary construction work zone speed limit reduction, signs must comply with the requirements for portable signs in section 12-3.11.

The PCMS must comply with section 12-3.32.

#### **12-4.02C(12)(c) Construction**

Advise motorists of construction work zone speed limit reductions starting 14 days in advance of implementing the speed limit reduction using a PCMS displaying the alternating messages *Reduced Speed* and *Starting XX/XX/XX (Date)*.

When construction work zone speed limit reduction is in effect, the PCMS message must be *XX ZONE AHEAD* and *WILL BE ENFORCED*. Mount a 48-by-48-inch W3-5 XX "SPEED LIMIT" ahead symbol sign on the PCMS trailer.

Cover all existing speed limit signs while the construction work zone speed limit reduction is in effect. Remove covers when construction work zone speed limit reduction is no longer in effect. For construction work zone speed limit reduction for 24 hours a day, 7 days a week, you may remove the existing speed limit signs and replace the signs when the construction activities that required the 24 hours a day, 7 days a week speed limit reduction are completed.

**12-4.02C(12)(d) Payment**

For construction work zone speed limit reduction only during lane closures, signs are included in the bid item for traffic control system, PCMS is paid for as portable changeable message sign, and portable radar speed feedback sign is paid for as portable radar speed feedback sign systems. Covering and uncovering existing speed limit signs for each lane closure are included in the price paid for traffic control system.

Traffic Control System shall be paid for as a lump sum item. Payment for Traffic Control System shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in preparing and obtaining approval a traffic control plan, implementing and maintaining traffic control, as shown on the State Standard Specifications, these Technical Specifications and as directed by the Engineer and no additional compensation will be allowed.

## 13 WATER POLLUTION CONTROL

This project's risk level is 2

The following RWQCBs will review the authorized SWPPP:

- 7.

Discharges of stormwater from the job site must comply with the permit issued by the Central Valley RWQCB for National Pollutant Discharge Elimination System (NPDES) Permit \_\_\_\_, Permit No. \_\_\_\_\_. The Central Valley RWQCB permit governs stormwater and nonstormwater discharges resulting from construction activities at the job site. The Central Valley RWQCB permit may be viewed at \_\_\_\_\_.

[illegible]

Before starting job site activities, install temporary high visibility fencing to protect the ESA and mark its boundaries.

Limited access to the ESA is allowed for certified biologist. Notify the Engineer 5 business days or less before the planned entry date. Any other access to the ESA is prohibited.

Temporary High Visibility Fence shall be measured per linear foot. Payment for Temporary High Visibility Fence shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved installing temporary high visibility fence, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer and no additional compensation will be allowed.

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**Replace the 2nd paragraph of section 14-8.02 with:**

Noise from job site activities must not exceed 86 dBA Lmax at 50 feet from the job site from \_\_\_\_\_ p.m. to \_\_\_\_\_ a.m., except the following activities may exceed this noise restriction during the hours and on the days shown in the following table:

| Activity | Hours |    | Days |         |
|----------|-------|----|------|---------|
|          | From  | To | From | Through |
|          |       |    |      |         |
|          |       |    |      |         |
|          |       |    |      |         |
|          |       |    |      |         |
|          |       |    |      |         |
|          |       |    |      |         |

Do not operate construction equipment or run equipment engines from 7:00 p.m. to 7:00 a.m. or on Sundays at the job site except to:

1. Service traffic-control facilities



## 2. Service construction equipment

### **Add to section 14-8.02:**

#### Mitigation Measures Incorporated into the Project

The Contractor is hereby notified and to fully consider and account for the mitigation measures to be implemented and monitored by City staff or designated City representative. The mitigation measures are to be incorporated into the master schedule by the Contractor and allow City staff or designated City representative full access at all times to implement and monitor the following mitigation measures:

#### Biological Resources

**BIO-1: Construct the Project during the Nonbreeding Season or Conduct Pre-Construction Surveys for Nesting Migratory Birds and Raptors**

To the extent feasible, the Contractor will remove trees and large shrubs during the nonbreeding season for migratory birds and raptors (generally between September 1 and February 28).

If construction activities (including vegetation removal) cannot be confined to the nonbreeding season, the City will retain a qualified wildlife biologist with knowledge of the relevant species to conduct nesting surveys before the start of construction. The migratory bird and raptor nesting surveys will include a minimum of two separate surveys to look for active migratory bird and raptor nests. Surveys will include a search of all vegetation that provides suitable nesting habitat in the construction area. In addition, a 500-foot area in open space areas adjacent to the construction zone will be surveyed for raptors. For survey areas outside the project site, the biologist will walk areas where property access is authorized. For portions of the survey area without property access, the biologist will scan vegetation using binoculars from the project site or from the public road. One survey should be conducted no more than 14 days prior to construction and the second survey should be conducted within 48 hours of the start of construction or vegetation removal. If no active nests are detected during these surveys, no protective measures are required.

If an active nest is found in the survey area, a no-disturbance buffer will be established around the nest site to avoid disturbance or destruction of the nest until the end of the breeding season (August 31) or after a qualified wildlife biologist determines that the young have fledged and moved out of the nesting substrate (this date varies by species). The extent of these buffers will be determined by the biologist and

will depend on the level of construction disturbance, line of sight between the nest and the disturbance, ambient levels of noise and other disturbances, and other topographical or artificial barriers. Suitable buffer distances may vary between species but will be established a minimum of 50 feet from active construction for passerine species and up to 500 feet for non-listed raptor species. A minimum buffer of 1,000 feet will be established for an active Swainson's hawk nest. If site-specific conditions or the nature of the activity (e.g., steep topography, dense vegetation, or minimal construction activities) indicate that a smaller buffer could be used, the City will coordinate with CDFW to determine the appropriate buffer size.

#### BIO-2: Conduct Preconstruction Surveys for Roosting Bats and Implement Protection Measures

To obtain the highest likelihood of detection, the following preconstruction bat surveys will be conducted within and adjacent to the construction area for each construction season. If the surveys determine that bats are roosting in the construction area, the City will implement the protective measures described below.

##### Conduct Preconstruction Tree Surveys

Prior to tree removal or pruning, qualified biologists will examine trees to be removed or pruned for suitable bat roosting habitat. High-value habitat features (e.g., large tree cavities, basal hollows, loose or peeling bark, and larger snags,) will be identified, and the area around these features will be searched for bats and bat sign (e.g., guano, culled insect parts, and staining). All mature broadleaf trees should be considered potential habitat for solitary foliage-roosting bat species.

If bat sign is detected, biologists will conduct evening visual emergence survey of the source habitat feature, from a half hour before sunset to 1–2 hours after sunset for a minimum of 2 nights during the season that construction would be taking place. Night-vision goggles and/or full-spectrum acoustic detectors will be used during emergence surveys to assist in species identification. All emergence surveys will be conducted during favorable weather conditions (calm nights with temperatures conducive to bat activity and no precipitation predicted). Survey methodology may be supplemented as new research identifies advanced survey techniques and equipment that would aid in bat detections.

##### Identify Protective Measures for Bats Using Trees

If it is determined that bats are using trees within or adjacent to the construction area as roost sites, the City (or its designated contractor) will coordinate with CDFW to identify protective measures to avoid and minimize impacts on roosting bats based on the type of roost and timing of activities. These measures could include the following measures.

If feasible, tree removal and pruning of trees containing an active roost will be avoided between April 1 and September 15 (the maternity period) to avoid impacts on reproductively active females and dependent young.

If a maternity roost is located, whether solitary or colonial, that roost will remain undisturbed until September 15 or until a qualified biologist has determined that the roost is no longer active.

If avoidance of nonmaternity roost trees is not possible, tree removal or pruning will be monitored by a qualified biologist. Prior to removal or pruning, the tree will be gently shaken, and several minutes should pass before felling trees or pruning limbs to allow bats time to arouse and leave the tree. The tree then will be removed in pieces, rather than felling the entire tree. The biologists will search downed vegetation for dead and injured bats. The presence of dead or injured bats that are species of special concern will be reported to CDFW.

##### Conduct Preconstruction Surveys of Culverts

Prior to any work to replace, extend, or remove culverts, a qualified biologist will inspect box and pipe culverts for the presence of roosting bats. The biologist will conduct a daytime inspection/survey of box culverts for bat sign or occupancy to determine whether the structure is being used as a roost. The biologist conducting daytime surveys will listen for audible bat calls and will use the naked eye, binoculars, telescoping inspection mirror, and a high-powered spotlight to inspect culverts, and mud nests if present, for bats.

Surfaces and the ground around the culvert will be surveyed for bat sign, such as guano, staining, and prey remains. Pipe culverts will be inspected from the exterior using the methods listed. If no suitable features are found, and no bats or bat sign are present, then a preconstruction survey within 24 hours prior to construction will be conducted. If suitable features are found, and bats or bat sign are present, additional surveys may be conducted to determine how the culvert is used by bats (i.e., whether it is used as a night roost, maternity roost, migration stopover, or for hibernation).

#### Implement Protective Measures for Bats Using Culverts

To avoid disturbance, injury, or mortality of bats utilizing culverts for roosting, the Contractor will conduct all work on these structures during the day (to the extent possible and where appropriate). If this is not possible, portable lights will be used to illuminate the roosting areas prior to and after sunset to deter bats from roosting during nights when work will occur.

#### Geology and Soils

##### GEO-1: Conduct Paleontological Monitoring

"Spot-check" monitoring by a qualified paleontologist shall be conducted where the depth of Project excavation exceeds 9 feet. This may occur during relocation of signal poles (up to 11 feet deep) and/or storm drain facilities (up to 9 feet deep). If Pleistocene alluvial deposits are visible at these depths, full-time monitoring shall be required for the remainder of excavations at these locations. If no Pleistocene alluvial deposits are visible at these depths, spot-checking may halt.

Should paleontological resources be found during excavation, the paleontologist shall have the authority to divert heavy machinery away from the find(s) until the scientific value of the fossil(s) can be assessed. If of scientific significance, all pertinent field data shall be collected, and the fossil(s) salvaged. The fossil(s) shall be transported to a laboratory facility for cleaning and preparation prior to being transported and deposited in an accredited repository, such as the UCMP Berkeley, where they can be curated and made available for scientific study.

#### Tribal Cultural Resources

##### TCR-1: Stop Work in the Event of Unanticipated Discovery of Potential Tribal Cultural Resources (TCRs)

If any suspected TCRs are discovered during ground disturbing construction activities, all work shall cease within 100 feet of the find, or an agreed upon distance based on the project area and nature of the find. A Tribal Representative from a California Native American tribe that is traditionally and culturally affiliated with a geographic area shall be immediately notified and shall determine if the find is a TCR (PRC Section 21074). The Tribal Representative will make recommendations for further evaluation and treatment as necessary.

Preservation in place is the preferred alternative under CEQA and United Auburn Indian Community (UAIC) protocols, and every effort must be made to preserve the resources in place, including through project redesign. Culturally appropriate treatment may be, but is not limited to, processing materials for reburial, minimizing handling of cultural objects, leaving objects in place within the landscape, returning objects to a location within the project area where they will not be subject to future impacts. The Tribe does not consider curation of TCRs to be appropriate or respectful and request that materials not be permanently curated, unless approved by the Tribe.

The contractor shall implement any measures deemed by the CEQA lead agency to be necessary and feasible to preserve in place, avoid, or minimize impacts to the resource, including, but not limited to, facilitating the appropriate tribal treatment of the find, as necessary. Treatment that preserves or restores the cultural character and integrity of a Tribal Cultural Resource may include Tribal Monitoring, culturally appropriate recovery of cultural objects, and reburial of cultural objects or cultural soil.

Work at the discovery location cannot resume until all necessary investigation and evaluation of the discovery under the requirements of the CEQA, including AB 52, has been satisfied.

Full compensation for conforming to the mitigation measures described above and specified in section 14, "Environmental Stewardship" shall be considered as included in the contract lump sum price paid for "Job Site Management."

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## 15 EXISTING FACILITIES

### Add to the end of section 15-1.03C:

At least 2 business days before hauling the material to the City Corporation Yard, notify the Engineer

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### Add to section 15-1.03B Removing Concrete:

Miscellaneous concrete, not identified on the plans, may occur within the project limits that may be in conflict with the proposed project improvements. Such concrete must be removed in accordance with Section 15 of the State Standard Specifications and is to be measured and paid for by the cubic yard.

### Add to section 15-1.04 Payment:

Full compensation per each for Abandon Signal and Lighting Foundation, shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in removing signal and lighting foundation, as shown on the Plans, and to a depth of two feet below the

final grade, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

Full compensation per each for Remove Concrete Pad and Foundation (Roseville Electric), shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in removing concrete pad and foundation, as shown on the Plans, and to a depth of two feet below the final grade, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

Full compensation per square yard for Remove Concrete Sidewalk, shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in removing concrete sidewalk, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

Full compensation per linear foot for Remove Concrete Curb and Gutter, shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in removing concrete curb and gutter, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

Full compensation per linear foot for Remove Concrete Traffic Island, shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in removing concrete traffic island, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

Full compensation for removal asphalt concrete dike is included in the price paid per cubic yard for roadway excavation, and no additional compensation will be allowed therefor and no additional compensation will be allowed therefor.

Full compensation per square foot for Remove Detectable Warning Tile, shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in removing detectable warning tile, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

Full compensation per each for Remove Drainage Inlet, shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in removing drainage inlet, including footings, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

#### **Adjust Pull Box to Grade**

This item includes the finish grade adjustment and encasement in Portland Cement Concrete of existing pull boxes. Such pull box adjustments shall be constructed in accordance with the plans, the Standard Specifications and these special provisions, and as directed by the Engineer.

Any necessary location ties required to accurately locate items after paving are also included. All mis-cut pavement openings shall be completely reconstructed to match the new pavement in all respects. Concrete is not an acceptable pavement replacement.

Measurement of Adjust Pull Box to Grade will be the number of such items acceptably adjusted to grade.

The contract unit price paid per each for Adjust Pull Box to Grade shall include full compensation for all labor, materials, tools, incidentals and equipment required to complete this item of the work, as shown on the plans, as specified in the Standard Specifications and these special provisions and as directed by the Engineer.

#### **Adjust Water Valve to Grade**

This item includes the finish grade adjustment and encasement in Portland Cement Concrete of existing water valves. Such water valve adjustments shall be constructed in accordance with the plans, the Standard Specifications and these special provisions, and as directed by the Engineer.

Any necessary location ties required to accurately locate items after paving are also included. All mis-cut pavement openings shall be completely reconstructed to match the new pavement in all respects. Concrete is not an acceptable pavement replacement.

Measurement of Adjust Water Valve to Grade will be the number of such items acceptably adjusted to grade.

The contract unit price paid per each for Adjust Water Valve to Grade shall include full compensation for all labor, materials, tools, incidentals, and equipment required to complete this item of the work, as shown on the plans, as specified in the Standard Specifications and these special provisions and as directed by the Engineer.

#### **Adjust Manhole to Grade**

This item includes the finish grade adjustment and encasement in Portland Cement Concrete of existing manholes. Such manhole adjustments shall be constructed in accordance with the plans, the Standard Specifications and these special provisions, and as directed by the Engineer.

Any necessary location ties required to accurately locate items after paving are also included. All mis-cut pavement openings shall be completely reconstructed to match the new pavement in all respects. Concrete is not an acceptable pavement replacement.

Contractor will be required to furnish and install false manhole bottoms in advance of grinding, paving, or other street resurfacing work and removal of false manhole bottom is required after adjustment and inspection. City will require Contractor to ball and flush the entire system to the outfall point for failure to utilize false bottoms while adjusting manholes for grinding, paving, and other street resurfacing work.

Measurement of Adjust Manhole to Grade will be the number of such items acceptably adjusted to grade.

The contract unit price paid per each for Adjust Manhole to Grade shall include full compensation for all labor, materials, tools, incidentals and equipment required to complete this item of the work, as shown on the plans, as specified in the Standard Specifications and these special provisions and as directed by the Engineer.

#### **Existing Roadside Signs and Markers**

Roadside signs shall be removed or relocated as shown on the plans and shall be measured and paid for per each.

Payment per each for Relocate Roadside Sign and Remove Roadside Sign Panel shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in relocating roadside sign and removing roadside sign panel, as shown on the plans as specified in the State Standard Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

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## DIVISION III EARTHWORK AND LANDSCAPE

## 17 GENERAL

**Add to section 17-2.03A:**

**Replace the 4th paragraph in section 17-2.03A with:**

Clear and grub vegetation only within the excavation and embankment slope lines.

Full compensation for all work associated with Clearing and Grubbing, including all tree trimming and vegetation removal, is considered as included in the lump sum price paid for Clearing and Grubbing and no additional compensation will be allowed therefor.

Trees smaller than 6" diameter are considered as general clearing and grubbing and will not be paid for separately. Logs, stumps and downed trees are considered as general clearing and grubbing. Trees with diameter 6 inches or greater are shown to be removed on the plans. Tree removal is measured per each tree removed. Prior to removal, all trees must be marked, measured and confirmed with the Engineer. The number and size of oak trees removed must be documented prior to removal, for mitigation purposes.

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## 19 EARTHWORK

**Replace the 2nd, 3rd, and 4th paragraphs of section 19-2.03B with:**

Dispose of surplus material. Ensure enough material is available to complete the embankments before disposing of it.

Full compensation per cubic yard for Roadway Excavation, shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in roadway excavation, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

Full compensation per square foot for Roadway Excavation (HMA Digout), shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in removing the HMA digout area, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

**Add between the 8th and 9th paragraphs of section 19-2.03G:**

Roughen embankment slopes to receive erosion control materials by either track-walking or rolling with a sheepsfoot roller. Track-walk slopes by running track-mounted equipment perpendicular to the slope contours.

**Add to the end of section 19-3.02E:**

Slurry cement backfill may contain returned plastic concrete.

Slurry cement backfill containing returned plastic concrete must comply with the specifications for concrete containing returned plastic concrete.

**Add to the end of section 19-6.04:**

The payment quantity for imported borrow (HMA Grindings) includes the volume of anticipated subsidence as specified in section 19-6.03B.



**Replace *Reserved* in section 19-7.02B with:**

In addition to the locations described for excavation, obtain local borrow (HMA Grindings) from the City Corporation Yard or other location designated by the Engineer.

After you obtain local borrow, grade the borrow site such that it drains and blends in with the surrounding area.

**Add to section 19-7.02C:**

Process the imported borrow (HMA Grindings) to comply with the requirements of the full depth reclamation (FDR) pavement.

Strip materials that adversely affect the imported borrow (HMA Grindings) properties.

Obtain imported borrow (HMA Grindings) from the mandatory local material source at from the City stockpile location at 6600 Phillip Rd, Roseville, CA or as designated by the Engineer.

After obtaining imported borrow (HMA Grindings), grade the borrow sites and associated haul roads such that sites drain and blend in with the surrounding area.

Full compensation per cubic yard for Imported Borrow (HMA Grindings), shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in bringing, placing, and mixing imported borrow (HMA Grindings), as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

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## **20 LANDSCAPE**

### **Add to section 20-1.01A:**

Landscape work must comply with provisions in the latest version of City of Roseville's Parks Construction Standards and Supplement.

Notify the Engineer not less than 72 hours prior to requiring initial access to the existing irrigation controllers. When the Engineer determines that access to the controllers is required at other times, arrangements will be made to provide this access.

### **Add to section 20-1.01C:**

Submit a cost break-down for the contract lump sum items of planting and irrigation system. Cost break-down tables must be submitted to the Engineer for approval within 10 working days after the contract has been approved. Cost break-down tables will be approved, in writing, by the Engineer before any partial payment will be made for the applicable items of planting and irrigation system involved.

Cost break-downs must be completed and furnished in the format shown in the samples of the cost break-downs included in this section. Line item descriptions of work shown in the samples are the minimum to be submitted. You may designate additional line item descriptions of work. If you designate additional line item descriptions of work, the quantity, value and amount for those line items must be completed in the same manner as for the unit descriptions shown in the samples. The line items and quantities given in the samples are to show the manner of preparing the cost break-downs.

Determine the quantities required to complete the work shown on the plans. The quantities and their values must be included in the cost break-downs submitted to the Engineer for approval. You are responsible for the accuracy of the quantities and values used in the cost break-downs submitted for approval.

The sum of the amounts for the line items of work listed in each cost break-down table for planting and for irrigation system work must be equal to the contract lump sum price bid for Planting and Irrigation System, respectively. Overhead and profit must be included in each individual line item of work listed in a cost break-down table.

No adjustment in compensation will be made in the contract lump sum prices paid for planting and irrigation system due to differences between the quantities shown in the cost break-downs you submit and the quantities required to complete the work as shown on the plans and as specified in these special provisions.

Individual line item values in the approved cost break-down tables will be used to determine partial payments during the progress of the work and as the basis for calculating an adjustment in compensation for the contract lump sum items of planting and irrigation system due to changes in line items of work ordered by the Engineer. When the total of ordered changes to line items of work increases or decreases the lump sum price bid for Planting and Irrigation System by more than 25 percent, the adjustment in compensation for the applicable lump sum item will be determined in the same manner specified for increases and decreases in the total pay quantity of an item of work in Section 4-1.05.

**PLANTING COST BREAK-DOWN (SAMPLE)**

| UNIT DESCRIPTION               | UNIT | APPROXIMATE QUANTITY | VALUE | AMOUNT |
|--------------------------------|------|----------------------|-------|--------|
| Trees, 15" Gallon              | EA   |                      |       |        |
| Shrubs and Groundcover, 5 Gal. | EA   |                      |       |        |
| Shrubs and Groundcover, 1 Gal. | EA   |                      |       |        |
| Root Barrier                   | LF   |                      |       |        |
| Mulch                          | CY   |                      |       |        |
| Plant Establishment            | MO   |                      |       |        |

**TOTAL****IRRIGATION SYSTEM COST BREAK-DOWN (SAMPLE)**

| UNIT DESCRIPTION             | UNIT | APPROXIMATE QUANTITY | VALUE | AMOUNT |
|------------------------------|------|----------------------|-------|--------|
| Point of Connection A        | LS   |                      |       |        |
| Point of Connection B        | LS   |                      |       |        |
| Point of Connection C        | LS   |                      |       |        |
| Relocated Backflow Preventer | EA   |                      |       |        |
| Backflow Preventer           | EA   |                      |       |        |
| Controller Upgrade           | LS   |                      |       |        |
| Master Valve                 | EA   |                      |       |        |
| Flow Sensor                  | EA   |                      |       |        |
| Mainline                     | LF   |                      |       |        |
| Sleeve                       | LF   |                      |       |        |
| Directional Bore             | LF   |                      |       |        |
| Gate Valve                   | EA   |                      |       |        |
| Remote Control Valve         | EA   |                      |       |        |
| Tree Bubblers System         | SF   |                      |       |        |
| Sprinkler Irrigation System  | SF   |                      |       |        |
| Splice Box                   | EA   |                      |       |        |
| Surge Protection             | EA   |                      |       |        |
| Control Wire                 | LF   |                      |       |        |
| 2 Wire Communication         | LF   |                      |       |        |
| Traffic Grade Pull Box       | EA   |                      |       |        |

**TOTAL**

**Add to section 20-1.01D(1):**

Do not apply pesticides before approval from the Engineer.~~Delete edits to section 20-1.01D(2) in the RSS and replace the 1st paragraph of section 20-1.01D(2) with:~~

The Engineer performs a progress inspection at:

1. During pressure testing of the pipelines on the supply side of control valves.
2. Before planting begins and after completion of the work specified for planting in Section 20-3.02C(2).
3. Before plant establishment work begins and after completion of the work specified for planting in Section 20-3.
4. At intervals of one month during the plant establishment period.

**Add to section 20-1.02C:**

Pesticide used must be limited to the following materials:

1. Aminopyralid
2. Diquat
3. Dithiopyr
4. Clopyralid MEA
5. Fluazifop-P-Butyl
6. Flumioxazin
7. Glyphosate
8. Imazapyr
9. Isoxaben (Preemergent)
10. Oryzalin (Preemergent)
11. Oxyfluorfen (Non-odor type)
12. Pendimethalin (Preemergent)
13. Prodiamine (Preemergent)
14. Sethoxydim
15. Melfluidide (Growth regulator)

**Delete *oil or* in the 4th paragraph of section 20-1.02C.**

**Add to section 20-1.03B:**

Granular preemergent shall be limited to the following material:

1. Oxadiazon

A minimum of 100 days must elapse between applications of preemergents.

Granular preemergent must be applied prior to the application of mulch. Mulch applications must be completed in these areas on the same working day.

Glyphosate must be used to kill stolon type weeds.

**Add to section 20-2.01A(3)(a)5:**

5. City Standards: Install irrigation per the most current Standards including but not limited to:
  - 5.1. City of Roseville Park Construction Standards
  - 5.2. City of Roseville Design and Construction Standards
  - 5.3. City of Roseville Electric Department Standard Specifications
  - 5.4. Local, state and federal electrical codes, manuals and guidelines, and
  - 5.5. Local, state and federal plumbing codes, manuals and guidelines

**Add to section 20-2.01A(3)(b):**

8. Splice Kits
9. Automatic Controller
10. Master Valve

**Add to section 20-2.01A(4)(d):**

Tests must demonstrate to the Engineer, through one complete cycle of the irrigation controllers in the automatic mode, that the associated automatic components of the irrigation systems operate properly. If automatic components of the irrigation systems fail a functional test, these components must be repaired at your expense and the testing repeated until satisfactory operation is obtained.

Associated automatic components must include, but not be limited to, remote control valve actuator systems and remote control valves.

Upon completion of work on an irrigation system, including correction of deficiencies and satisfactory functional tests for the systems involved, the plants to be planted in the area watered by the irrigation system may be planted provided the planting areas have been prepared as specified in these special provisions.

**Add section 20-2.01A(4)(e)**

**Irrigation System Audit**

Contractor shall coordinate and provide assistance of a certified irrigation auditor to complete the irrigation audit per City of Roseville Specifications. The Contractor shall schedule the audits once the irrigation system is 100% complete, including functionality of the irrigation controller. Provide a two week (14 day) notice for scheduling the audit. Contractor shall anticipate providing staff to assist auditor during the process, allow up to two (2) days at site.

**Replace section 20-2.01A(4)(f) with:**

**Establishment**

- A. Full automated utilization of the irrigation system shall be included as part of the maintenance of the project. See Section 329000: Planting for additional information.
- B. Program and utilize the establishment schedule as submitted with the turn-in items.
- C. Contractor to run the system in "quantity" mode or "time plus flow" for a minimum of one (1) week.
- D. Check the irrigation system weekly to ensure proper operations. Make all necessary adjustments, including watering schedule to ensure proper and healthy plant growth. At no time shall pools of water be present within any part of the project. Conversely, at no point shall dry or under-watered spots be visible upon inspection. Improper irrigation management resulting in flooding or dry conditions to the detriment of plant material may constitute an extension of the establishment period, at no additional cost to the City.

**Final Review**

- A. The Contractor shall demonstrate to the City, valve by valve, the entire irrigation system to be operable. All heads shall be adjusted/flushed and all drip zones shall be flushed prior to the on-site review. Any item requiring adjustments shall be completed immediately and to the satisfaction of the City.
- B. Provide necessary training to City staff in the proper operations and maintenance of the booster pump.
- C. The date of final acceptance by the City Council or the recordation of the property transfer shall signify the start date of the warranty period. Final acceptance shall include the project in total and will not segregate any specific item or trade included in the construction of the project.

**Add Section 20-2.01A(4)(g):**

**Record Drawing**

- A. Contractor shall regularly update a print of the system and any changes made to the system throughout the project. Features below ground shall be indicated with at least two measurements from surface features such as walks, building, or sprinkler heads. All changes shall be recorded on this plan before trenches are backfilled. The record drawing shall be completed and submitted to the City before final payment shall be made for work installed.
- B. The contractor shall furnish two complete color coded irrigation charts. Charts shall identify individual RCV sections with a different color for each RCV. Charts are to be presented on fully laminated 11"X17" As-Built plans.

**Replace the section 20-2.01B(7) with:**

Valve boxes shall be per City Standards.

Valve boxes must be precast concrete within paved areas and reinforced plastic in all other areas.

Covers for concrete valve boxes shall be concrete.

Covers for plastic valve boxes must be glass fiber reinforced plastic.

Valve boxes shall be labeled per City Standards.

**Add to section 20-2.04A(1):**

Low voltage, as used in in this section mean 36 V or less.

Allowance in bid for new irrigation control wires, 2- wire communication wire, and trenching shall be as indicated on the plans.

**Add to section 20-2.04B:**

Low voltage control and neutral conductors in pull boxes and valve boxes, at irrigation controller terminals, and at splices must be marked with adhesive cloth wrap-around markers.

Low voltage control and neutral conductors in pull boxes and valve boxes, at irrigation controller terminals, and at splices must be marked as follows:

1. Conductor terminations and splices must be marked with adhesive backed paper markers or adhesive cloth wrap-around markers, with clear, heat-shrinkable sleeves sealed over the markers.
2. Non-spliced conductors in pull boxes and valve boxes shall be marked with clip-on, "C" shaped, white extruded polyvinyl chloride sleeves. Marker sleeves shall have black, indented legends of uniform depth with transparent overlays over the legends and "chevron" cuts for alignment of 2 or more sleeves

Markers for the control conductors must be identified with the appropriate number or letter designations of irrigation controllers and station numbers. Markers for neutral conductors must be identified with the appropriate number or letter designations of the irrigation controllers.

New control and neutral conductors that are to replace existing control and neutral conductors must be the same size and color as the existing control and neutral conductors being connected to.

The color of low voltage neutral and control conductor insulation, except for the striped portions, must be homogeneous throughout the entire thickness of the insulation.

Insulation for conductors may be UL listed polyethylene conforming to UL44 test standards with a minimum insulation thickness of 41 mils for wire sizes 10AWG and smaller.

**Replace the section 20-2.10B(2) with:**

Ball valves must be per City Standards.

Ball valves must be of the same size as the pipeline which the valves serve, unless otherwise noted on the plans.

**Add to section 20-2.10C(2):**

Section 20-2.10C(2) includes specifications for constructing electric remote control valves.

Electric remote control valves must be outfitted with adjustable pressure regulators as shown. Adjust the pressure regulators to provide proper operation of the irrigation system downstream of the electric remote control valves.

**Replace the 8th paragraph of section 20-2.08B(5) with:**

Fittings for irrigation sleeve must be per City of Roseville Parks Construction Standards.

**Add to section 20-2.08C(1)**

Sleeves must extend 6 inches beyond paving. The ends of the sleeve must be capped until use.

**Add to section 20-3.01A(3)(c):**

Submit certificate stating quantity, type, and composition, weight and origin for all amendments and chemicals must be delivered to the City's Representative before the material is used on the site.

**Add to section 20-3.01A(4):**

Request at least two working days in advance the following reviews prior to progressing with the work:

1. Completion of rough grading
2. Verification of amendment incorporation depths
3. Finish grade

Provide one-quart sample of proposed amendment to an approved agriculture-based lab. Do not deliver materials to the site until the City's Representative approves the samples. Contractor is responsible for the testing costs.

**Add to section 20-3.01B(3):**

Organic Amendment must be nitrogen-treated fir bark conforming to:

1. Physical Properties: 95% - 100% passing, sieve size 6.35 mm (1/4 inch), 80%-100% passing, sieve size 2.38mm (No. 8, 8 mesh), and 0%-30% passing, sieve size 500 micron (no. 35, 32 mesh).
2. Chemical Properties: Nitrogen Content (dry weight basis), 0.4%-0.6% iron content, minimum 0.08% dilute acid soluble Fe on dry weight basis, soluble salts, maximum 3.5 millimhos/centime @ 25 degree C. as determined by saturation extract method; ash – 6.0%.

**Add to section 20-3.01B(4)(a):**

Fertilizer must be determined from soils analysis results. For purposes of bidding only, assume the use of 6-20-20 commercial fertilizer, 20-10-5 planting tablets by Agriform International Chemicals, Inc., and iron sulfate.

**Add to section 20-3.01C(1):**

Organic amendment and fertilizer incorporation: Materials determined from the soils test must be uniformly distributed throughout all irrigated planting areas and incorporated to a homogeneously blended soil depth of six inches. Assume per 1000 square feet:

|                                                     |
|-----------------------------------------------------|
| 6 cubic yards nitrogen stabilized organic amendment |
| 30 pounds commercial fertilizer (6-20-20)           |
| 10 pounds iron sulfate                              |

Apply iron sulfate cautiously, and avoid contact with concrete, since permanent staining may result. Any such stained concrete must be replaced at your expense.

Plant pits must have their sides and bottoms loosened or otherwise broken to prevent glazed or compacted surfaces, and must be as shown on the planting detail.

Only un-amended soil must be used beneath the root ball; cultivate bottom of plant pit to improve porosity. Backfill around sides of rootball must be the amended soil taken from adjacent prepared areas. Spread material excavated from plant pits onto adjacent areas as replacement. If additional back fill be necessary, a mixture of one-third organic amendment/fertilizer mix and two-thirds topsoil may be used.

All container plants shall receive plant tablets as follows:

|                       |                          |
|-----------------------|--------------------------|
| One-gallon plants     | Two 21-gram tablets      |
| Five-gallon plants    | Five 21-gram tablets     |
| Fifteen-gallon plants | Twelve 21-gram tablets   |
| 24 inch box trees     | Eighteen 21-gram tablets |

Space the tablets evenly around the root ball halfway up backfill touching side of root ball. City's Representative may require excavation of up to 5 percent of all plants selected at random for conformance review.

Finish grade all irrigated planting areas unless otherwise noted, and remove all rocks and clods over one cubic inch to a depth of one inch below finish grade. All areas must be smooth and uniformly graded. Repair all erosion damage during the construction period.

Unless otherwise noted, all soil finish grades must be one inch below finish grade of walks, pavements, and curbs.

**Add to section 20-3.02A:**

Request the following reviews prior to progressing with the work:



1. Plant material approval
2. Plant layout
3. Finish grade
4. Substantial completion
5. Final completion

**Replace *Not Used* in section 20-3.02B with:**

Plant botanical names must conform to "Standardized Plant Names", second edition, and secondly, "A Checklist of Woody Ornamental Plants of California", Manual 32, University of California. All plants of each clone, species, and cultivar must be delivered to the site labeled with their full botanical names. Every plant species must be labeled with no less than one label for every ten plants of a species.

Minimum quality of all plant material must conform to prevailing published specifications of the California Association of Nurserymen and the American Association of Nurserymen's American Standard for Nursery Stock unless otherwise indicated. Additional specifications must be indicated on the drawings.

The quantities shown on the plant list and in labels are for the City's Representative's use and are not to be construed as the complete and accurate limits of the contract. Furnish and install all plants shown schematically on the drawings. Any unlabelled plants must be considered as the smaller size shown for that type on the drawings.

All container-grown stock must be grown in its container for at least six months prior to its planting. Inspect all root systems on plant materials. Inspection must include, but not be limited to, checking for rootbound stock, encircling roots at the perimeter of the container, girdling roots at the top surface of the rootball, and other defective root conditions. Such inspections must include the complete removal of soil from one percent of plant material containers, or at least one plant from each nursery and each plant type. Cut defective or potentially defective girdling, rootbound, and encircling roots and spread the root system into the surrounding backfill. Any plant material, within one year following the final acceptance of the project, determined by the City's Representative to be defective, restricted, declining or otherwise deficient due to abnormal root growth, must be replaced to the equal condition of adjacent plants at the time of replacement. Reject plants with excessively defective root systems.

All trees must have straight trunks of uniform taper, larger at the bottom. Trunks must be free of damaged bark, with all minor abrasions and cuts showing healing tissue. Sucker basal growth and sucker lateral growth must be removed and treated to eliminate re-sprouting. Normal lower side branching must remain. Reject trees unable to stand upright without support.

Foliage roots and stems of all plants must be of vigorous health and normal habit of growth for its species. All plants must be free of all diseases, insect stages, burns, or disfiguring characteristics.

All plant material, within two years following the final acceptance of the project, determined by the City's Representative to be untrue to the species, clone, and/or variety specified, must be replaced, to the equal condition of adjacent plants at the time of replacement.

Before planting operations commence all or a representative sampling of plant material will be reviewed at the site by the City's Representative. Remove defective plants installed without such review from the site upon request by the City's Representative and substitute acceptable plant in its place.

**Add to section 20-3.02C(1):**

Only those plants to be planted in any single day must be laid out. Locations of all plants must be reviewed prior to planting. Plants installed without this review will be transplanted as directed by the City's Representative.

Maintain all plant material in a healthy growing condition prior to and during planting operations. You are responsible for vandalism, theft and damage to plant material until the commencement of the maintenance period.

Do not perform pruning without the specific approval of the City's Representative. Plants pruned without approval must be replaced, if required.

Construct basins as necessary to water plants. Remove basins from all plants under a permanent irrigation system prior to final inspection and finish grade the planting area. Basins for plants to be hand-watered must remain in place. Basin bottoms must drain to berm away from plant stem.

All trees must be staked as drawn with stakes driven securely into existing soil aligned with the trunk and perpendicular to the direction of the prevailing winds. A minimum of two figure-eight wire and rubber tree ties required per stake.

Remove all trash, excess soil and other debris after completion of all operations. All walks and pavement must be swept and washed clean, leaving the entire area in a neat, orderly condition.

**Replace paragraphs 1 and 2 of section 20-4.01B:**

Section 20-4 includes specifications for performing plant establishment work. The plant establishment period must not be less than 90 working days commencing from date of substantial completion.

Substantial completion is deemed as the time all major plantings, including groundcover, are installed, and when all other work is satisfactorily completed (with the exception of minor items to be completed as noted upon a checklist compiled by the City's Representative). Maintenance period will not commence until work is deemed substantially complete by the City's Representative.

**Add to section 20-4.02A:**

**Establishment Period**

- A. Active maintenance is required throughout the entire establishment period:
  - 1. Immediately replace all dead plants.
  - 2. As necessary, raise all trees and shrubs which have sunk within the plant pit beyond the levels indicated in the Standard details.
  - 3. Keep all areas free of weeds, pests and disease.
  - 4. For trees located in turf areas, maintain a circle free of turf at a distance described in the Standard details
- B. Prior to the start of the final thirty (30) days of establishment:
  - 1. All plant replacements shall be completed.
  - 2. All plantings and turf shall be thriving and in a healthy condition.
  - 3. The lack of active maintenance prior to the final thirty (30) days may constitute a delay in the start of the final thirty (30) days of the establishment period.

**Final Review**

- A. The Inspector shall review the site for completion of items noted, but not limited to, "B" below. All corrective action is required to enter into the final thirty (30) days of establishment.
- B. The site shall be prepared for review, by ensuring that:
  - 1. All spray heads have been properly adjusted,
  - 2. Dead plants have been replaced,
  - 3. Planting areas have been weeded,
  - 4. Walkways and paved areas have been swept and washed
- C. Failure to complete any one or all of the above items may constitute non- performance of the final review and will require re-scheduling. In this case, the cost of the extended establishment period shall be at no additional cost to the City.

**Add to section 20-5.04A:**

**20-5.04 Root Barrier**

**20-5.04(1) General**

**20-5.04(1)(a) Summary**

Section 20-5.04(2) includes specifications for placing root barrier per plans.

**20-5.04(1)(b) Definitions**

Reserved

**20-5.04(1)(c) Submittals**

Submit product information sheet.

**20-5.04(1)(d) Quality Assurance**

Reserved

**20-5.04(2) Materials**

Root barrier shall be per plans.

**20-5.04(3) Construction**

Place gravel and compact it by rolling.

The finished gravel mulch surface must be smooth, uniform and maintain the original flow lines, slope gradients, and contours of the job site.

**20-5.04(4) Payment**

The payment quantity for root barrier is measured per panel shown on plans.

**Add to section 20-10.02A(1):**

Maintain existing irrigation facilities throughout the life of the contract. Before the start of maintaining existing irrigation facilities work, the facilities must be checked for proper operation, and repaired in conformance. Document the condition of existing irrigation facilities. Repair work ordered by the Engineer will be paid for as extra work per section 4-1.05.

**Add to the end of 5th paragraph of section 20-10.02C(3):**

During winter season, irrigation systems must be operated automatically a minimum of 2 minutes every 2 weeks.

**Add to section 20-10.02C(4):**

Existing irrigation valves, where shown on the plans to be removed, must be salvaged.

Notify the Engineer in writing if you intend to salvage existing irrigation facilities a minimum of 72 hours prior to salvaging these facilities. Salvaged irrigation facilities must remain the property of the City and must be delivered to City's Representative.

**Add to section 20-10.02C:****20-10.02C(10) Relocate Miscellaneous Irrigation Facilities**

Relocate existing irrigation facilities consist of relocating existing electric remote control valves, sprinklers and other facilities shown.

Relocate existing irrigation valves consist of relocating existing valves, valve boxes and valve box covers. Relocated valve boxes must be installed with new woven wire cloth and crushed rock bedding as shown.

**Add to section 20-10.03A(1):**

Maintain existing planted areas throughout the life of the contract.

Prune trees per City Standards.

Prune roots per City Standards.

Water existing plants per section 20-4.03G.

**Delete the 1<sup>st</sup> bullet point of section 20-10.03A(2) and Add:**

Submit a work plan for:

1. Maintaining existing planted areas. The work plan must include controlling the weeds, fertilizing, mowing and trimming of turf areas, watering, and controlling rodents and pests.

**Add bullet point to section 20-10.03A (3):**

2. Tree and root pruning schedule shall be coordinated prior to start of work.

Submit a copy of the manufacturer's product sheet for root stimulant including application instructions.

**Add to the end of the 2nd paragraph of section 20-10.03C(4):**

The work must include:

1. Weeds must be killed before the weeds reach the seed stage of growth or exceed 6 inches in length
2. Weeds must be removed from existing planted areas. Weeds must be killed prior to removal. Weed removal in ground cover areas shall extend beyond the outer limits of ground cover areas to the adjacent edges of paving, fences and proposed plants and planting areas, and a 6-foot diameter area centered at each existing tree and shrub outside of existing ground cover areas.
3. When a portion of a new automatic irrigation system is completed, the existing plants to be watered by that portion of the irrigation system shall be watered automatically.
4. Pesticides for maintaining existing planted areas must conform to section 20-1.02C.

**Add section 20-10.03C(5) Root Pruning**

Root Protection Zone – this is the area of land immediately surrounding a tree that is left undisturbed and protected. The dimensions of the root protection zone are determined by measuring the diameter of the trunk and applying one foot of land area for every inch of trunk diameter (trunk diameter is measured at 4½ feet above grade). For example, a tree with a diameter of 12 inches will have a 12 foot radius as a root protection zone.

No person is permitted to cut roots within the root protection zone without permission from the City Arborist.

1. Root pruning shall be done by or under the supervision of an ISA Certified Arborist, and meet or exceed ANSI A300 or approved Tree Care Industry Standards. A certified arborist must be onsite during the entirety of root pruning.
2. Root pruning shall be done prior to disturbance of the site. No disturbance shall be done within a distance of 3x the diameter of the tree, due to stability concerns.
3. Before disturbance, meet with the City Representative on site to confirm the layout of root pruning.
4. The layout will be marked on the ground between the disturbance and the tree, typically 6" closer to the tree than the back of the new curb.

5. The maximum size root that may be cut outside the root protection zone is 2" in diameter unless approved by the City Arborist.
6. Root pruning shall be done with a sharp tool, in such a way that does not pull on the roots, but leaves smooth cuts.
7. It is preferable to expose the roots prior to root pruning. After pruning, fill the area with quality topsoil and water until thoroughly soaked.
8. Once exposed, roots must be covered within 8 hours. If roots will be left exposed for longer than 8 hours, they must be kept moist. One option is to put moist burlap over the exposed roots or 3" of mulch and water thoroughly.

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## **21 EROSION CONTROL**

**Replace section 21-3 with:**

### **21-3 PERMANENT EROSION CONTROL ESTABLISHMENT WORK**

#### **21-3.01 GENERAL**

##### **21-3.01A Summary**

Section 21-3 includes specifications for performing permanent erosion control establishment work.

Permanent erosion control establishment work consists of weekly inspections of the project site for deficiencies in erosion control features.

The permanent erosion control establishment period starts after permanent erosion control work has been completed.

The Engineer notifies you when the permanent erosion control establishment period starts and furnishes weekly statements regarding the number of working days credited to the permanent erosion control establishment period after the notification.

At the start of the permanent erosion control establishment period you may request relief from maintenance and protection for work items that are not associated with water pollution control and permanent erosion control establishment work.

Working days on which no work is required during the permanent erosion control establishment period are credited as permanent erosion control establishment working days, regardless of whether or not you performed permanent erosion control establishment work.

Working days on which you fail to adequately perform permanent erosion control establishment work as required are not credited as permanent erosion control establishment working days.

Working days that occur after you fail to meet a due date for a Permanent Erosion Control Establishment (PECE) Report submittal will not be credited as permanent erosion control establishment working days.

##### **21-3.01C Submittals**

Submit a Permanent Erosion Control Establishment (PECE) Report form as an informational submittal within 24 hours of completing a weekly inspection and within 24 hours of each qualifying rain event. The

1. Slides
2. Slipouts
3. Surface erosion
4. Damage to:
  - 4.1. Erosion control devices
  - 4.2. Water pollution control devices
5. Poor seed germination
6. Poor plant growth
7. Dead or damaged erosion control plant material
8. Misaligned features
9. Required repair work

## 21-3.01D Quality Assurance

Perform a final inspection of the permanent erosion control establishment work in the presence of the Engineer 20 to 30 days before the anticipated contract acceptance date provided by the Engineer.

Full compensation per square foot for Permanent Erosion Control (Jute Mesh), shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in constructing and installing backfill and jute mesh, erosion control mat, and includes placement of mat, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

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## DIVISION IV SUBBASES AND BASES

26 AGGREGATE BASES

Add to the list in the 1st paragraph of section 26-1.02A:

- 6. Processed glass

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Place AB with processed glass only where the material is to be permanently covered.

Place AB with processed glass only where the material is to be permanently covered.

Where aggregate base is paid for by volume, the payment quantity is determined from the dimensions shown on the plans.

Full compensation per cubic yard for Aggregate Base (Class 2), shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in constructing aggregate base, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

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### 30 RECLAIMED PAVEMENT



**Replace the 1st paragraph of section 30-4.01D(2) of the RSS for section 30-4 with:**

Develop a mix design for each materials sampling location. The mix design must produce FDR—cement with an unconfined compressive strength from 500 psi to 600 psi, determined at 7 days under ASTM D1633, Method A, with the exceptions shown in FDR—Cement Quality Characteristic Requirements table under Section 30-4.02A.

**Add between the 2nd and 3rd paragraphs of section 30-4.01D(2) of the RSS for section 30-4:**

Obtain and test material from at least eight sampling locations from the existing pavement structure by coring. You may perform additional sampling and testing to optimize the cement content and adjust for varying underlying materials. Determine the exact locations of the sampling locations between wheel paths. Do not sample in the shoulders. Sampling locations must provide sufficient representative material for the mix design. Two additional samplings should be taken from the stockpile containing the HMA grindings to be used for FDR.

**Add to the beginning of section 30-4.03D of the RSS for section 30-4:**

The cement content must be 3.5 percent by dry weight of FDR—cement with a dry unit weight of 131.4 lb/cu ft, except an increase or decrease in the cement content may be ordered based on your mix design. During progress of the work, if you encounter an isolated area that requires more cement than described in the mix design for that area, notify the Engineer before applying the cement.

FDR material will be comprised of 50% subgrade material from roadway excavation (excluding the organics) and 50% imported borrow (HMA Grindings). Based on field investigations and laboratory testing, organic material percentages were determined between 2.7% and 3.2%. The removal of the upper 6 inches of material is required to reduce the organic material present prior to adding cement including large solid organic material consisting of ¼ inch diameter or larger solid root and vegetation.

Full compensation per square foot of FDR, shall include full compensation for furnishing all the labor, materials including cement, tools, equipment and incidentals and for doing all the work involved in constructing, installing, and placing FDR, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional

compensation will be allowed therefor. The hauling and placement of Imported borrow (HMA grindings) for FDR is paid for separately.

## DIVISION V SURFACINGS AND PAVEMENTS

## 39 ASPHALT CONCRETE

**Add to section 39-2.01A with:**

Asphalt concrete pavement shall be Hot Mix Asphalt (Type A) and conform to the applicable provisions in Section 71, "Streets" of the City of Roseville's Construction Standards and Section 39 of the State Standard Specifications.

Aggregate gradation for HMA for trail paving shall be ½" max.

**Replace section 39-2.01C(3)(c) with:**

### 39-2.01C(3)(c) Prime Coat

Apply a slow-setting asphaltic emulsion as a prime coat to AB areas designated by the Engineer and at a spread rate from 0.15 to 0.40 gal/sq yd. Do not apply more prime coat than can be absorbed completely by the AB in 24 hours.

You may modify the prime coat application rates if authorized.

Close areas receiving prime coat to traffic. Do not allow tracking the prime coat onto pavement surfaces beyond the job site.

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**Replace *Reserved* in section 39-2.02B(3) with:**

The grade of asphalt binder for Type A HMA must be PG-64.

For Type A HMA using RAP substitution of greater than 15 percent of the aggregate blend, the virgin binder grade must comply with the PG binder grade specified above with 6 degrees C reduction in the upper and lower temperature classification.

For Type A HMA using RAP substitution of 15 percent or less of the aggregate blend, the grade of the virgin binder must comply with the PG binder grade specified above.

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You may dispose of the dike by burial in an embankment in the same manner as specified for incorporating removed concrete in an embankment.

Full compensation per ton for HMA (Overlay), shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in constructing and placing hot mix asphalt (overlay), as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

[illegible]





## **DIVISION VI STRUCTURES**

## **DIVISION VII DRAINAGE FACILITIES**

## 65 CONCRETE PIPE

Reinforced Concrete Pipe (RCP) shall be measured and paid for per linear foot.

Payment per linear foot for Reinforced Concrete Pipe, of the size indicated on the plans and in the bid item list, shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in constructing and placing reinforced concrete pipe including excavation, bedding, backfill, as shown on the plans as specified in the State Standard Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

[illegible]

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## 71 EXISTING DRAINAGE FACILITIES

**Add to section 71-2.04 Payment**

Full compensation per each for Remove Drop Inlet, shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in removing drop

Full compensation per each for Remove Manhole, shall include full compensation for furnishing all the labor, materials, tools, equipment and incidentals and for doing all the work involved in removing manhole, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.

## DIVISION VIII MISCELLANEOUS CONSTRUCTION

## 73 CONCRETE CURBS AND SIDEWALKS

Concrete Pad and Foundation (Roseville Electric) shall be measured and paid for per each.

Payment per each for Concrete Pad and Foundation (Roseville Electric) shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in constructing, installing, and placing concrete pad and foundation as shown on the plans as specified in the State Standard Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

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## **77 LOCAL INFRASTRUCTURE**

16" Tie in to Future ASR Well Site

**16" Ductile Iron Pipe (DIP) shall be measured and paid for per linear foot.**

16" DIP waterline shall be manufactured and installed in accordance with AWWA C151, Pressure Class 250, standard for Ductile Iron Pipe and applicable City of Roseville standards and specifications,

Payment per linear foot for 16" DIP Open Cut, of the size and type indicated on the plans and in the bid item list, shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals and for doing all the work involved to install and place 16" DIP including excavation, bedding, backfill, as shown on the plans, as specified in the City of Roseville Design and Construction Standards, and as directed by the Engineer and no additional compensation will be allowed.

**16" Gate Valve shall be measured and paid for per each.**

16" Gate Valve shall be manufactured and installed in accordance with AWWA standard C515 for Resilient-Seated Gate Valves for Water Supply Service, per City of Roseville standard detail W-16, and other applicable City of Roseville standards and specifications.

Payment per each for 16" Gate Valve, of the size and type indicated on the plans, shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in installing 16" gate valve, as shown on the plans, as specified in the Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

**Steel Cut In Tee shall be measured and paid for per each.**

The steel cut-in tee shall be manufactured and installed in accordance with AWWA C-200, Steel Water Pipe, AWWA C-207, Steel Pipe Flanges for Waterworks Service, AWWA C-208, Dimensions for

Fabricated Steel Water Pipe Fittings, AWWA M11, Design and Installation of Steel Pipe and Fittings, and applicable City of Roseville standards and specifications.

Steel Cut-in-Payment per each for Steel Cut In Tee, of the size and type indicated on the plans, shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in constructing, installing, and placing steel cut in tee, as shown on the plans, as specified in the City of Roseville Design and Construction Standards, and as directed by the Engineer and no additional compensation will be allowed.

**36" CML&C Welded Steel Pipe Spool shall be measured and paid for per linear foot.**

36" CML&C Welded Steel Pipe shall be manufactured and installed in accordance with AWWA standard C200, Design and Installation of Steel Pipe and Fittings and AWWA M11, Design and Installation of Steel Pipe and Fittings, applicable City of Roseville standards and specifications.

Payment per linear foot of 36" CML&C Welded Steel Pipe Spool, of the size and type indicated on the plans, shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in constructing and installing 36" CML&C Welded Steel Pipe Spool, as shown on the plans as specified in the City of Roseville Design and Construction Standards, , and as directed by the Engineer and no additional compensation will be allowed.

**Steel Flanged Coupling Adapter shall be measured and paid for per each.**

Steel flanged coupling adapters shall be manufactured and installed in accordance with AWWA standard C219 Bolted, Sleeve-Type Couplings for Plain-End Pipe and applicable City of Roseville Design and Construction Standards, Payment per each for Steel Flanged Coupling Adapter, of the size and type indicated on the plans, shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in installing Steel Flanged Coupling Adapter, as shown on the plans as specified in the City of Roseville Design and Construction Standards, and as directed by the Engineer and no additional compensation will be allowed.

## **RESILIENT-WEDGE GATE VALVES**

### **PART 1 - GENERAL**

#### **1.1 WORK INCLUDED**

- A. This section includes materials, testing, and installation of manually-operated gate valves.

#### **1.2 SYSTEM DESCRIPTION**

- A. Furnish and install complete operating gate valve including appurtenant structural, mechanical and/or electrical mountings or connections required for compliance with manufacturer's installation requirements and applicable building codes and standards.
- B. Gate valves shall provide positive shutoff when the valve is in the closed position and shall provide unobstructed flow when the valve is in the open position.

#### **1.3 QUALITY ASSURANCE**

- A. Use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary trades and crafts and who are completely familiar with the specified requirements and methods needed for proper performance of the work of this section.
- B. Products coming into contact with potable water shall contain no more than 0.25% lead by average weight in compliance with Section 116875 of the California Health and Safety Code.

C. Factory testing shall include the following:

| ITEM                             | TEST FOR                            | TEST STANDARD<br>(ASTM OR OTHER<br>TEST STANDARD) | FREQUENCY    | FIRST TEST<br>PAID FOR<br>BY | RETESTS<br>PAID FOR BY |
|----------------------------------|-------------------------------------|---------------------------------------------------|--------------|------------------------------|------------------------|
| Resilient<br>Wedge Gate<br>Valve | Hydrostatic<br>Test                 | AWWA C515 at 400<br>psi                           | 1 each valve | Contractor                   | Contractor             |
|                                  | Metal to<br>Rubber<br>Bond          | ASTM D429                                         | 1 each valve | Contractor                   | Contractor             |
| Interior<br>Lining               | Holidays<br>and Lining<br>Thickness | AWWA C550                                         | 1 each valve | Contractor                   | Contractor             |

#### 1.4 REFERENCES

- A. ASME/ANSI B16.1 Cast Iron Pipe Flanges and Flanged Fittings – Class 25, 125, 150 and 800
- B. ASME/ANSI B16.42 Ductile Iron Flanged Fittings – Classes 150 and 300
- C. ASTM A126 Gray Iron Castings for Valves, Flanges and Pipe Fittings
- D. ASTM A536 Ductile Iron Castings
- E. ASTM D429 Rubber Property—Adhesion to Rigid Substrates
- F. AWWA C105 Polyethylene Encasement for Ductile Iron Pipe Systems
- G. AWWA C509 Resilient Seated Gate Valves for Water Supply Service
- H. AWWA C515 Reduced Wall, Resilient Seated Gate Valves for Water Supply Service
- I. AWWA C550 Protective Epoxy Interior Coatings for Valves and Hydrants
- J. NSF/ANSI 61 Drinking Water System Components – Health Effects

#### 1.5 SUBMITTALS

- A. Furnish the following submittals.

| SUBMITTAL                 | DESCRIPTION                                                      |
|---------------------------|------------------------------------------------------------------|
| Shop Drawings             | Required per valve shop drawing requirements.                    |
| Catalog Data              | Required per catalog data requirements.                          |
|                           | Show lining and coating data and thicknesses.                    |
| Installation Instructions | Required per installation instruction requirements.              |
| O & M Instructions        | Required per operation and maintenance Instruction requirements. |



| SUBMITTAL                 | DESCRIPTION                                                     |
|---------------------------|-----------------------------------------------------------------|
| Certificate of Compliance | Submit certified test results for leakage and hydrostatic tests |
|                           | Submit certified report of testing of factory-applied linings   |
|                           | Submit affidavit of compliance with AWWA C509 / AWWA C515       |
| Warranty                  | Furnish one-year warranty from date of final acceptance         |

## 1.6 DELIVERY, STORAGE AND HANDLING

- A. Manufacturer's instruction and warranty requirements for delivery, storage and handling of gate valves shall be strictly followed.

## 1.7 UNIT PRICES

- A. Payment for the Work in this section shall be included as part of the lump-sum or unit-price bid amount for which such Work is appurtenant thereto.

## PART 2 - PRODUCTS

### 2.1 ACCEPTABLE MANUFACTURERS

- A. Acceptable manufacturers include the following:

| ITEM                                            | MANUFACTURER                               | MANUFACTURER LOCATION |
|-------------------------------------------------|--------------------------------------------|-----------------------|
| Resilient Wedge Gate Valve (Potable Water C515) | M&H Valve (a Div. of McWane Inc) A-2361 RS | Anniston AL           |
|                                                 | Mueller Co. A2361                          | Decatur, IL           |
|                                                 | Clow Valve Model 2638                      | Corona, CA            |
|                                                 | American Flow Control Series 2500          | Birmingham, AL        |
|                                                 | Accepted equal                             |                       |

### 2.2 MATERIALS

- A. Resilient-wedge gate valves and tapping valves shall comply with AWWA C515
- B. Resilient wedge gate valves for potable water service shall be constructed of the following materials:

| ITEM | MATERIAL     | SPECIFICATION            |
|------|--------------|--------------------------|
| Body | Ductile Iron | ASTM A536 Grade 65/45/12 |

| ITEM                                                                             | MATERIAL                                    | SPECIFICATION                                                                                                                                                                                     |
|----------------------------------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stem and stem nut                                                                | Cast, forged or rolled bronze               | Maximum 7% zinc, 2% aluminum<br>minimum tensile strength = 70,000 psi<br>yield strength of = 40,000 psi<br>elongation >15 percent in 2-inches<br>Visibly mark stem to show compliance with above. |
| Wedge                                                                            | Ductile Iron with Vulcanized Rubber Coating |                                                                                                                                                                                                   |
| Body Bolts                                                                       | Stainless Steel                             | SAE Type 316 with anti-seize lubricant                                                                                                                                                            |
| Flanges                                                                          | Ductile Iron                                | Raised or plain faced                                                                                                                                                                             |
|                                                                                  | Pressures 0-275 psi                         | ASME/ANSI B16.1 Class 125 Cast Iron<br>or ASME/ANSI B16.42 Class 150 Ductile Iron                                                                                                                 |
|                                                                                  | Alignment                                   | Boltholes of flanged valves shall straddle horizontal and vertical centerlines of pipe run to which valves are attached.                                                                          |
| Flange Bolts, Nuts, Washers and Gaskets                                          | Various steels                              | Per Manufacturer                                                                                                                                                                                  |
| Lining                                                                           | Fusion-Bonded Epoxy                         | Per AWWA C550<br>Meet NSF 61 for potable water applications<br>Do not coat sealing areas and bronze or stainless steel parts.                                                                     |
| Exterior Finish Coat                                                             | Fusion-Bonded Epoxy                         | Per AWWA C550                                                                                                                                                                                     |
| Polyethylene Encasement on Buried Valves (except where valve is wax tape coated) | Polyethylene                                | AWWA C105 2 layers of 8 mil wrap                                                                                                                                                                  |

- C. The following product design criteria, options and accessories are required for resilient-wedge gate valves:

| ITEM            | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Design Criteria | <p>Provide O-ring stem seal. After valves are assembled and tested, manufacturer's name or symbol, size of valve, year of manufacture, and working pressure shall be cast in the bonnet or body of the valve.</p> <p>Body shall have arrow cast in metal to indicate direction of opening, Valve stems shall be cast integral with stem collar. Stem nuts shall be independent of wedge. Wedge shall have sealing surfaces permanently bonded and encapsulated with resilient material. Each valve shall have a smooth unobstructed waterway free from any sediment pockets. Stuffing</p> |

| ITEM                           | DESCRIPTION                                                                                                                                                                                                                                                                             |                                                          |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
|                                | <p>boxes shall be O-ring seal type with two rings located in stem above thrust collar. Low friction torque reduction thrust bearings shall be located both above and below the stem collar.</p> <p>Valves connecting to mains shall be flanged on main side unless otherwise shown.</p> |                                                          |
| Rated Working Pressure         | 150 psi                                                                                                                                                                                                                                                                                 |                                                          |
| Valve Actuators – Above Ground | Operator                                                                                                                                                                                                                                                                                | Handwheel / 2-inch AWWA nut                              |
|                                | Stem                                                                                                                                                                                                                                                                                    | Non-rising stem                                          |
|                                | Position Indicator                                                                                                                                                                                                                                                                      | Required                                                 |
|                                | Operation                                                                                                                                                                                                                                                                               | Valve shall open with counterclockwise operator rotation |
| Valve Actuators - Buried       | Operator                                                                                                                                                                                                                                                                                | Enclosed gear or screwed rod type with 2-inch AWWA nut   |
|                                | Stem                                                                                                                                                                                                                                                                                    | Non-rising stem                                          |
|                                | Position Indicator                                                                                                                                                                                                                                                                      | Required                                                 |
|                                | Operation                                                                                                                                                                                                                                                                               | Valve shall open with counterclockwise operator rotation |
| Stem nut extension             | <p>Required on valves buried 4 feet or deeper</p> <p>Center extension in valve well using guide.</p>                                                                                                                                                                                    |                                                          |

## PART 3 - EXECUTION

### 3.1 PREPARATION

- A. Make field measurements needed to install gate valves before submitting shop drawings or ordering. Make minor changes in dimensions and alignments as needed to avoid utilities or structural conflicts.

### **3.2 INSTALLATION**

- A. Gate valves shall be furnished and installed by the Contractor at the location shown on Plans and Submittals.
- B. The following installation standards shall be followed:
  - 1. Manufacturer's installation and warranty requirements
  - 2. Applicable OSHA and Cal OSHA regulations
- C. Install gate valves to tolerances recommended by manufacturer. Unless otherwise shown, install gate valves true and level using precision gauges and levels.
- D. Refer variances between manufacturer's installation instructions and Contract Documents to Owner's Representative.
- E. Buried gate valves shall be installed as follows:
  - 1. Install and connect gate valve according to manufacturer's installation and warranty requirements.
  - 2. Wrap two layers of 8-mil AWWA C105 polyethylene encasement around valve and flanges and secure with plastic adhesive tape wrapped around valve stem below operating nut to prevent entrance of soil. Fold overlaps twice and tape. Backfill with care to protect polyethylene.
  - 3. Place and compact backfill to height of valve stem.
  - 4. Place block pads under extension pipe to maintain valve box in vertical position during backfilling and repaving and to prevent extension pipe from contacting valve bonnet.
  - 5. Mount upper slip pipe of extension in mid-position and secure with backfill around extension pipe.
  - 6. Pour concrete ring allowing a depression so valve box cap will be flush with finished surface.

### **3.3 FIELD QUALITY CONTROL**

- A. Valves shall be tested at the same time that the connecting pipelines are pressure tested and in accordance with the sections of the Contract Documents covering testing. Valves, operators, or control and instrumentation elements whose pressure rating is less than the test pressure shall be protected or isolated during pressure testing.

B. Field testing shall include the following:

| ITEM          | TEST FOR                           | TEST STANDARD<br>(ASTM OR OTHER<br>TEST STANDARD)                                                                                                                                                                                          | FREQUENCY    | FIRST TEST<br>PAID FOR<br>BY | RETESTS<br>PAID FOR<br>BY |
|---------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------------------|---------------------------|
| Gate<br>Valve | Installation &<br>Leakage          | Visual inspection for drip<br>tight finished installation<br>under pressure.                                                                                                                                                               | 1 inspection | Owner                        | Owner                     |
|               | Pressure Test                      | See section 15040.                                                                                                                                                                                                                         | 1 test       | Contractor                   | Contractor                |
|               | Actuator                           | Operate valve through 10<br>full cycles of opening and<br>closing. Valve shall<br>operate from full open to<br>full close without sticking,<br>or binding and without<br>required operating torque<br>exceeding 150 ft-lbs at<br>any point | 1 test       | Contractor                   | Contractor                |
|               | Field<br>Performance               | Demonstrate compliance<br>to Contract Documents<br>and Manufacturers'<br>printed Literature                                                                                                                                                | 1 test       | Contractor                   | Contractor                |
|               | 11 month<br>Warranty<br>Inspection | Demonstrate compliance<br>to Contract Documents<br>and Manufacturers<br>printed Literature                                                                                                                                                 | 1 test       | Owner                        | Contractor                |

## DIVISION IX TRAFFIC CONTROL DEVICES

## **82 SIGNS AND MARKERS**

### **Add to the end of section 82-3.04 Payment**

Roadside Signs shall be measured and paid for per each.

Payment per each for Roadside Sign shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in placing roadside sign, including footings, as shown on the plans as specified in the State Standard Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

Install Roadside Sign Post shall be measured and paid for per each.

Payment per each for Install Roadside Sign Post shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in installing roadside sign post, including all appurtenances, as shown on the plans as specified in the State Standard Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

Relocate Sign shall be measured and paid for per each.

Payment per each Relocate Sign, shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in relocating sign, as shown on the plans as specified in the State Standard Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

### **Add to the end of section 82-5.04 Payment**

Pavement markers shall be installed in accordance with Section 85, "Pavement Markers," of the City of Roseville's Construction Standards.

Pavement Markers shall be measured and paid for per each.

Payment per each for Pavement Marker, of the type and style listed on the plans or in the bid items list, shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in installing pavement markers, as shown on the plans as specified in the City's Construction Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

Pavement Markers shall be measured and paid for per each.

Payment per each for Pavement Marker, of the type and style listed on the plans or in the bid items list, shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in installing pavement markers, as shown on the plans as specified in the City's Construction Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

Object Markers shall be measured and paid for per each.

Payment per each for Object Marker (Type K or O), of the type and style listed on the plans or in the bid items list, shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in installing object markers, as shown on the plans as specified in the City's Construction Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

## **84 MARKINGS**

### **Add to the end of section 84-2.04 Payment**

Thermoplastic pavement markings shall be measured and paid for per square foot.

Payment per square foot for Thermoplastic Pavement Markings, shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in placing thermoplastic pavement markings, as shown on the plans as specified in the State Standard Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

The payment quantity for a traffic stripe is the length measured along the line of the traffic stripe without deductions for gaps in the broken traffic stripe. A double extruded thermoplastic traffic stripe consisting of two 4-inch-wide yellow stripes is measured as 2 traffic stripes. A double sprayable thermoplastic traffic stripe consisting of two 4-inch-wide yellow stripes is measured as 1 traffic stripe. A double traffic stripe consisting of two 4-inch-wide yellow stripes separated by a 3-inch-wide black stripe is measured as a single traffic stripe.

Payment per linear foot for Thermoplastic Traffic Stripe of the type, color and width shall include full compensation for furnishing all the labor, materials, tools, equipment, incidentals and for doing all the work involved in installing thermoplastic traffic stripe, as shown on the plans as specified in the State Standard Specifications and these Technical Specifications, and as directed by the Engineer and no additional compensation will be allowed.

### **MMA Colored Pavement Marking**

The green bike lane surfacing material must have Green pigment and anti-skid abilities.

The approved color pigmented resin shall comply with FHWA green color guidelines for bike lanes. A sample of the material that shows the color when dry (not a color chip) must be provided to the City for review and written approval at least seven (7) calendar days prior to ordering materials or installing any green markings.

#### **Material Properties:**

The green colored bike lane and white colored markings material shall be a methyl methacrylate (MMA) acrylic based resin system used for color pavement marking and anti-skid surfacing. The resin, catalyst, and aggregate compounds shall be capable of full cure in a wide range of temperatures without requiring external heat sources.

| Properties                    | Unit of Measure          | Test        |
|-------------------------------|--------------------------|-------------|
| Neat Resin:                   |                          |             |
| Tensile Strength              | 2000 psi (14MPa) min     | ASTM D638   |
| Elongation                    | 70% min                  | ASTM D638   |
| Tensile Modulus of Elasticity | 1370 psi (9.5 MPa) min   | ASTM D638   |
| Hardness                      | 15 – 20 Shore D          | ASTM D2240  |
| Water Absorption              | 0.25% max                | ASTM D570   |
| Density                       | 13.42 lb/gal (1.6 gm/ml) | ASTM D2849  |
| Pot Life                      | 15 minutes @ 72°F (22°C) | AASHTO T237 |
| Flash Point                   | 50°F (10°C)              | ASTM D1310  |
| Solids Content                | 99%                      | ASTM D1644  |
| Skid Resistant                | 45 minimum               | ASTM E274   |
| Aggregate:                    |                          |             |
| Specific Gravity              | 2.65                     | ASTM C128   |
| Hardness                      | 7.0                      | Mohs Scale  |

Material Color:

The daytime chromaticity coordinates for the color used for green colored bike lanes shall be as follows:

| 1     |       | 2     |       | 3     |       | 4     |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| x     | y     | x     | y     | x     | y     | x     | y     |
| 0.230 | 0.754 | 0.266 | 0.500 | 0.367 | 0.500 | 0.444 | 0.555 |

The daytime luminance factor (Y) shall be at least 7, but no more than 35.

The nighttime chromaticity coordinates for the color used for green colored bike lanes shall be as follows:

| 1     |       | 2     |       | 3     |       | 4     |       |
|-------|-------|-------|-------|-------|-------|-------|-------|
| x     | y     | x     | y     | x     | y     | x     | y     |
| 0.230 | 0.754 | 0.336 | 0.540 | 0.450 | 0.500 | 0.479 | 0.520 |

Surface Preparation:

Before applying colored pavement material, cover manholes, valve and monument covers, grates, or other exposed facilities located within the area of application, using a plastic or oil resistant construction paper secured by tape or adhesive to the facility being covered.



All surfaces that are to receive colored pavement material shall be thoroughly clean, dry, and free of all dirt, grease, and other contaminants that might interfere with proper adhesion.

Clean the pavement surface using high pressure water, compressed air, sandblasting, shotblasting, or mechanical abrasion. The surface should be visibly dry and the moisture content should be tested according to ASTM D4263 (modified to 2 hours). New asphalt shall have been placed for a minimum of 15 days prior to installation of the colored pavement material and surface oils shall not be present. The temperature of the pavement and air shall be between 40°F - 104°F (5°C - 40°C).

All areas to be coated shall be masked prior to application of primer and masked again prior to application of the colored pavement material.

In areas where colored pavement material is to be applied on top of slurry seal, slurry seal must be allowed to cure for a minimum of two weeks prior to cleaning and application.

#### Mixing and Application:

Mixing and applying colored pavement material and primer shall be in accordance with the manufacturer's instructions.

Contractor shall follow manufacturer's guidelines regarding atmospheric conditions. Coating application shall not proceed if precipitation is forecast for the immediate 24 hours after the intended date of application.

Application must follow manufacturer's recommended cure times between layers and before opening to traffic. Lanes must be opened to traffic within one hour after the minimum cure time as recommended by the manufacturer expires.

The Contractor shall protect the pavement markings from damage and allow them to fully cure prior to allowing traffic to drive over markings. Any damage shall be corrected by the Contractor at the Contractor's expense.

#### Measurement and Payment:

The contract unit price paid per square foot for MMA Colored Pavement Marking shall include full compensation for furnishing all labor, materials, tools, equipment, incidentals, and for doing all work involved in the production, delivery, and placement of MMA colored pavement marking, as specified in these Special Provisions, as specified in the Standard Specifications, as shown on the Plans, and as directed by the Engineer and no additional compensation shall be allowed therefor.

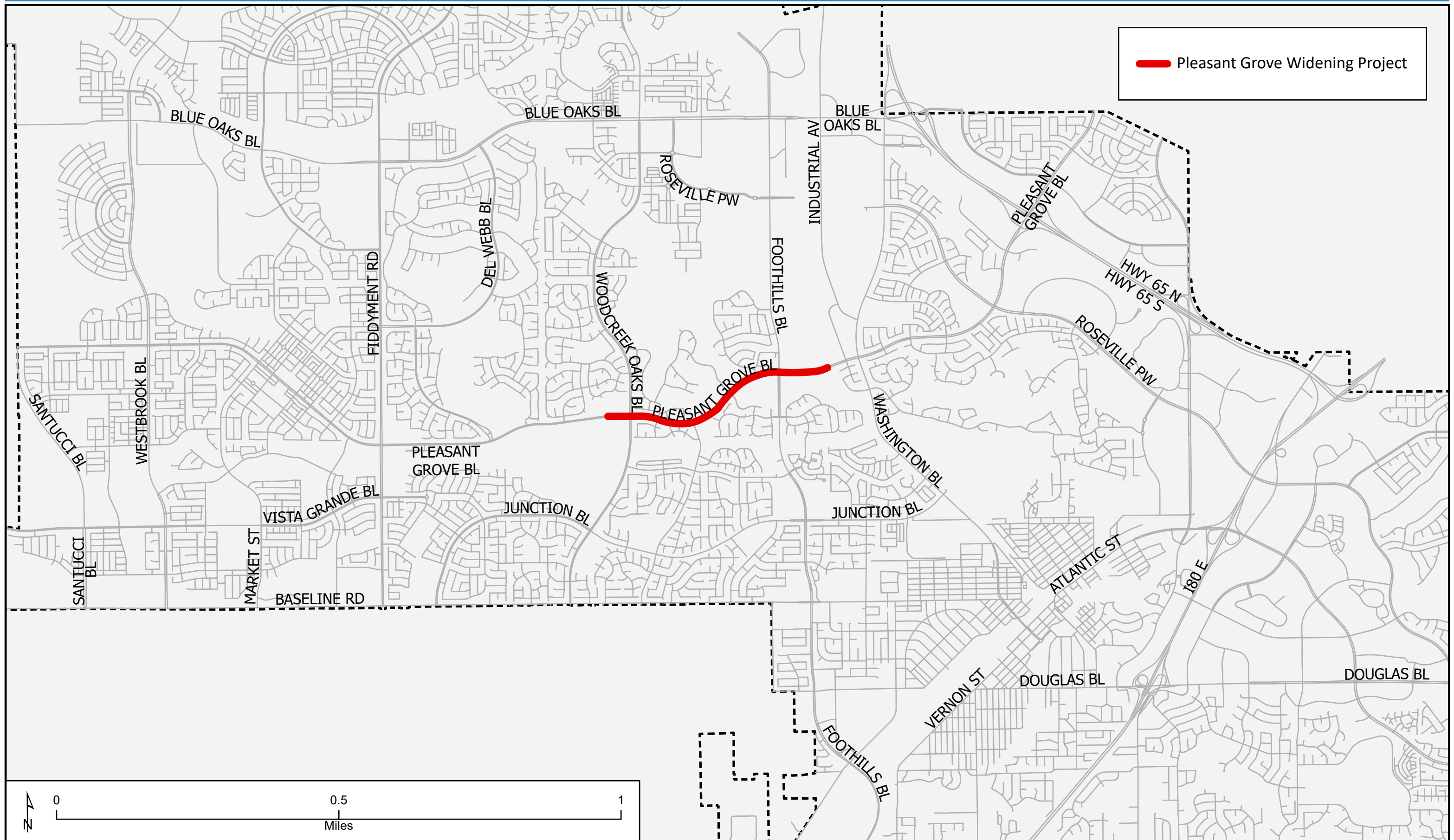
## DIVISION X ELECTRICAL WORK

### 86 GENERAL

[illegible]

Full compensation per square foot of Paving Mat, shall include full compensation for furnishing all the labor, materials including cement, tools, equipment and incidentals and for doing all the work involved in purchasing, installing, and placing paving mat, as shown on the Plans, as specified in the State Standard Specifications, these Technical Specifications and as directed by the Engineer, and no additional compensation will be allowed therefor.







## COUNCIL COMMUNICATION

**CC #: 2857**  
**File #: 0102-04**

**Title:** Council Discretionary Funds - The Gathering Inn  
**Contact:** Melissa Lipp 916-774-5268 [mlipp@roseville.ca.us](mailto:mlipp@roseville.ca.us)

**Meeting Date: 8/16/2023**  
**Item #: 7.2.**

### RECOMMENDATION TO COUNCIL

Recommend City Council consider a request for sponsorship of \$3,000 from Council Discretionary Funds for The Gathering Inn's fourth annual Gathering for Hope 2023 event on November 17, 2023.

### BACKGROUND

The Citizens' Benefit Fund was established in 1993 with the net proceeds from the sale of the Roseville Hospital. The City Council may, after receiving the recommendation of the Roseville Grants Advisory Commission, annually appropriate up to 90 percent of the annual earnings of the Citizens' Benefit Fund for the purpose of improving the quality of life for the citizens of the City of Roseville. The City Council, without the recommendation of the Roseville Grants Advisory Commission, may annually appropriate a minor amount up to \$15,000 of the annual earnings for the purpose of improving the quality of life in Roseville.

### FISCAL IMPACT

There is no fiscal impact to the City's General Fund. Annually, the Assistant City Manager/Chief Financial Officer allocates \$15,000 of the annual earnings on the Citizens' Benefit Fund per section 4.06.040 in the Municipal Code and includes it in the annual budget along with the Citizens' Benefit Fund resources available for appropriation each year. These earnings are restricted for the purpose of improving the quality of life for Roseville residents and appropriated by the City Council.

The balance remaining in the Council's Discretionary Funds for FY2023-24 is \$17,822.

### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in

a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. Approval of discretionary funds meets the above criteria and is not subject to CEQA. No additional environmental review is required.

#### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal B - Supporting community engagement and advocacy

Respectfully Submitted,

Melissa Lipp, City Clerk Technician

Carmen Avalos, City Clerk



---

Dominick Casey, City Manager

#### **ATTACHMENTS:**

Description

Gathering for Hope 2023

**From:** Darlene Cullivan <[dcullivan@thegatheringinn.com](mailto:dcullivan@thegatheringinn.com)>  
**Sent:** Wednesday, July 19, 2023 4:40 PM  
**To:** City Manager- Mail <[CityManager@roseville.ca.us](mailto:CityManager@roseville.ca.us)>; Houdesheldt, Bruce <[BHoudesheldt@roseville.ca.us](mailto:BHoudesheldt@roseville.ca.us)>  
**Cc:** Keith Diederich <[keith@thegatheringinn.com](mailto:keith@thegatheringinn.com)>  
**Subject:** Gathering for Hope Invitation

**EXTERNAL:** This email originated from outside of the organization. Do not click on any links or open attachments unless you recognize the sender and know the content is safe.

Hello Mr. Casey and Mayor Houdesheldt,

As we are preparing once again for our annual [Gathering for Hope](#) event, we would like to invite the City of Roseville to join us as a sponsor. As your partnership is highly valued and is integral to the South Placer emergency Shelter, it would be very meaningful to us to have you among our supporters.

Along with anticipating a night filled with inspiration, we're excited that local film producer Robert Craig Films will be the Presenting Sponsor. Robert Craig Films is the producer of ["No Address"](#) which will be released at the end of the year. This profound film portrays the bleak realities of homelessness and the sadness of an unfulfilled life, while at the same time showing how love and determination bring hope and restoration. Because "No Address" offers a strong message of restoration, hope fulfilled, and second chances, The Gathering Inn is deeply honored to be part of this production as well as to have Robert Craig Films' participation at Gathering for Hope.

In addition, our Spirit of Hope award that honors the legacy of Leo and Eileen French will be awarded posthumously to Martin A. Harmon, who through his charitable foundation, The Armrod Foundation, has awarded over 17 million dollars to non-profits since its inception.

I have attached the sponsorship levels, commitment form and Keith's invitation for your review and consideration.



The evening promises to be an inspiring and fun-filled event for all while providing significant support to the people experiencing homelessness that we serve here at TGI. Having the City of Roseville present would make the evening all the more special.

With highest regards,

Darlene



## DARLENE CULLIVAN

*Senior Director of Development*

(916)643-5054

[dcullivan@thegatheringinn.com](mailto:dcullivan@thegatheringinn.com)

### THE GATHERING INN

4020 Sierra College Blvd. Suite 100

Rocklin, CA 95677





March 25, 2023

Dear Supporter:

The Gathering Inn (TGI) is thrilled to be partnering with **Robert Craig Films** as our **Presenting Sponsor** on our fifth annual signature event, "*Gathering for Hope 2023*," scheduled for Friday, November 17, 2023, benefiting the homeless here in Placer County! The Hollywood movie, "**No Address**" is currently being filmed in Sacramento by Robert Craig Films and will be released nationwide at the end of 2023. TGI is pleased to be an ardent supporter of the movie and accompanying documentary, "**Americans With No Address**," which is also set to be released in 2023. The "**No Address**" cast consists of notable Hollywood stars such as William Baldwin, Ashanti, Xander Berkeley, Lucas Jade Zumann, Ty Pennington, Patricia Velasquez, Isabella Ferreira, Beverly D'Angelo, and Kristanna Loken.

Please join The Gathering Inn, Robert Craig Films, and other supporters as we honor the memory and legacy of **Martin A. Harmon (1934 – 2023)** with the prestigious "*Leo and Eileen French Spirit of Hope*" award! This award is given annually to an individual who has greatly impacted the issue of homelessness here in our community. As a native Californian, at the age of 27, inspired by his mother's interest in caring for the elderly, Martin purchased his first nursing home in Auburn, California. He realized soon thereafter that he had found his calling and thrived in his pursuit of acquiring more senior living facilities and other real estate holdings. He founded Western Care Construction Company, Inc., Horizon West Healthcare, Inc., and Platinum Living Services, Inc., among other companies. The Harmon family's companies have been actively involved in the development of residential and commercial subdivisions, medical and professional office buildings, apartment complexes, and various other ventures and partnerships over the years.

Martin had an innate desire to help others, and in 1997, he created the **Armrod Charitable Foundation**, which has donated more than 17 million dollars to homelessness initiatives and other charitable causes since its inception!

The award also honors and continues the legacy of Leo and Eileen French. Without their personal support and that of the company that Leo founded, Placer Title Company, The Gathering Inn would not have survived its early years in operation to become what it is today.

From our humble beginnings in 2004 as a winter only shelter program serving 40 homeless people per night, TGI today is a multifaceted, multi-location agency serving more than 220 homeless men, women, and children every day right here in Placer County through programs at 11 different locations. Through our comprehensive array of services and collaborative efforts in the community, The Gathering Inn provides cost-effective and outcome-oriented services for the homeless at 38 dollars per day, per person served, with more than 88 cents of every dollar going directly to the people served.

Please join us in what will undoubtedly be a memorable evening!

With warm regards,

Keith E. Diederich  
President and CEO  
The Gathering Inn

# Sponsorship Opportunities

## Table Sponsors



|  The Gathering Inn                                    |  Presenting<br>\$20,000 |  Title<br>\$10,000 |  Major<br>\$5,000 |  Hope<br>\$3,000 |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| Opportunity to address the room of attendees                                                                                           | ✓                                                                                                        |                                                                                                      |                                                                                                      |                                                                                                     |
| Premiere positioning on all event collateral                                                                                           | ✓                                                                                                        | ✓                                                                                                    |                                                                                                      |                                                                                                     |
| Recognition at sponsor level throughout the event, including the PowerPoint and at least 1 mention from the emcee of the event program | ✓                                                                                                        | ✓                                                                                                    | ✓                                                                                                    |                                                                                                     |
| Logo displayed in the PowerPoint Presentation scrolling throughout the event                                                           | ✓                                                                                                        | ✓                                                                                                    | ✓                                                                                                    | ✓                                                                                                   |
| Logo listed on the event webpage with a hyperlink to your company's webpage                                                            | ✓                                                                                                        | ✓                                                                                                    | ✓                                                                                                    | ✓                                                                                                   |
| Premium Wine at the Dinner Table                                                                                                       | Champagne included                                                                                       | ✓                                                                                                    | ✓                                                                                                    | ✓                                                                                                   |
| Program Recognition                                                                                                                    | Two full-page ads with prominent placement (inside or back cover) in the program                         | One full page ad in the program                                                                      | One 1/2 page ad in the program                                                                       | Logo displayed in the program                                                                       |
| Gathering For Hope Admissions                                                                                                          | Two tables of 8                                                                                          | One table of 8                                                                                       | One table of 8                                                                                       | One table of 8                                                                                      |

## Gala Sponsors

|                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Entertainment</b> \$1,500 <ul style="list-style-type: none"> <li>Event signage featuring your Logo with text "Introducing the Entertainer"</li> <li>Corporate Sponsor recognition on event website, event social media platforms, Post-event thank you e-blast</li> </ul>                                                                                                                      | <b>Print</b> \$3,500 <ul style="list-style-type: none"> <li>Prominent center page spread in program booklet</li> <li>Includes two (2) admissions to the 2023 Gathering For Hope Event</li> <li>Corporate Sponsor recognition on event website, event invitation e-blast, event social media platforms, event signage, post-event thank you e-blast</li> </ul>                                                                                                                       |
| <b>Golden Ticket</b> \$2,000 <ul style="list-style-type: none"> <li>Logo co-branded alongside TGI Logo on custom Golden Tickets</li> <li>Corporate Sponsor recognition on event website, Event Social Media platforms, Post-event thank you e-blast</li> </ul>                                                                                                                                    | <b>Cocktail Hour</b> \$5,000 <ul style="list-style-type: none"> <li>Logo Recognition on Cocktail Napkins</li> <li>Opportunity, naming rights to specialty drink served during cocktail hours.</li> <li>Includes admission for four (4) to Gathering For Hope Event.</li> <li>1/2 Page ad in program booklet</li> <li>Corporate Sponsor recognition on event website, event invitation e-blast, event social media platforms, event signage, post-event thank you e-blast</li> </ul> |
| <b>Coffee Station</b> \$3,500 <ul style="list-style-type: none"> <li>Opportunity to provide branded cups or napkins to guests at coffee station.</li> <li>Includes two (2) admission to the 2023 Gathering For Hope Event</li> <li>Corporate Sponsor recognition on event website, event invitation e-blast, event social media platforms, event signage, post-event thank you e-blast</li> </ul> | <b>Program Production</b> \$7,500 <ul style="list-style-type: none"> <li>Co-branded Logo recognition on event presentation program PowerPoint slides</li> <li>Includes 6 admissions to the 2023 Gathering For Hope Event</li> <li>Full page ad in program booklet</li> <li>Prominent Corporate Sponsor recognition on event website, event invitation e-blast, event social media platforms, event signage, post-event thank you e-blast</li> </ul>                                 |

For questions, please contact Meredith Adams, [meredith@thegatheringinn.com](mailto:meredith@thegatheringinn.com)



## Gathering for Hope

Friday, November 17, 2023 - 5:00 p.m.

Rocklin Event Center, 2650 Sunset Blvd, Rocklin, CA

### Program Advertising Specifications

#### Print-Ready Ads:

- The preferred format for submitting a print-ready ad is a PDF, 300 dpi, with embedded fonts.
- Ads are to be submitted in color.
- All ads have no bleed.
- Do not include printer, crop or bleed marks.

#### Ad Sizes:

½ Page: 4.75" x 3.75"

Full Page: 4.75" x 7.50"

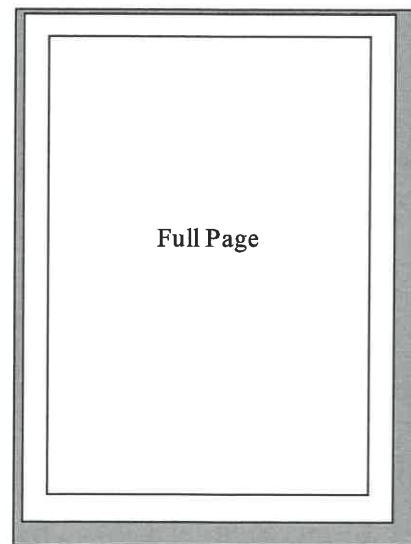
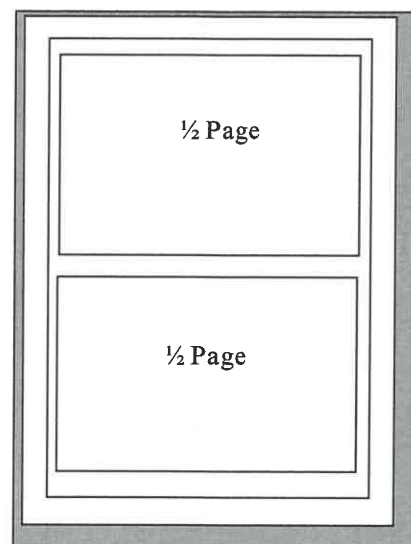
#### Due Date:

Friday, September 22, 2023

#### Please Email Ads to:

Meredith Adams at [meredith@thegatheringinn.com](mailto:meredith@thegatheringinn.com)

For questions, please call 916-292-1617





## COUNCIL COMMUNICATION

**CC #: 2873**

**File #: 0600**

**Title:** Exploratory Work Experience Education Program - Cooperative Vocational Education Agreement

**Contact:** Iulia Tarasova 916-774-5292 itarasova@roseville.ca.us

**Meeting Date: 8/16/2023**

**Item #: 7.3.**

### RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution authorizing the City Manager to execute a Cooperative Vocational Education Agreement with Roseville Joint Union High School District (RJUHSD).

### BACKGROUND

Roseville Joint Union High School District coordinates Exploratory Work Experience Education (EWEE) programs for students to sample a variety of job opportunities to determine their interest and suitability for the occupation they are exploring and to supplement the curriculum they are actively engaged in at school. Through unpaid internship opportunities students gain valuable, hands-on work experience. By execution of this agreement, the City of Roseville would provide the EWEE students internship learning opportunities and oversight. Internship placements, as detailed in the Cooperative Vocational Education Agreement, will not displace current City employees, nor fill funded vacancies, nor result in performance of work otherwise performed by a City employee or position. Pursuant to the Education Code Section 51769, RJUHSD shall be considered the employer and therefore agrees to secure Worker's Compensation Insurance for students during their uncompensated internship activities.

In recent years, the City of Roseville has engaged in collaborative efforts with RJUHSD and organizations such as Innovative Pathways to Public Service (IPPS) to proactively advance civics education and heighten awareness regarding public sector career opportunities among high school students. This collaborative initiative has proven highly valuable, providing students with exceptional prospects to explore the City's multifaceted functions and the extensive array of careers it encompasses. Throughout the 2022-2023 academic year, a total of 6 high school students were afforded invaluable experiential learning within their designated departments, facilitating their professional growth. Furthermore, for the upcoming Fall 2023 semester, an additional 10 students have been successfully identified for internships within various departments, further expanding the program's reach and impact.

In May 2023, the commendable achievements resulting from this collaboration have been recognized by the esteemed Judy Kelsey Memorial Fund, which has generously granted \$5,000 funding for the Human Resources Intern tasked with the development of a full-time 6-week summer internship program in partnership with the RJUHSD for summer of 2024. The primary objective of this program will be to provide high school students with an immersive internship experience that equips them with practical skills and comprehensive knowledge of City services and career paths. Ultimately, this program will help prepare the next generation of public sector employees. It will also be designed to provide direct bilingual outreach to diverse communities in the City of Roseville to ensure families for whom English is a second language understand the value of the program for their high school students. By implementing these crucial initiatives, the City of Roseville demonstrates its unwavering commitment to fostering inclusivity and maximizing the far-reaching benefits of the internship program for all students, including the expanding immigrant populations in the local area. Furthermore, these initiatives are intricately aligned with the City's overarching goal to support community engagement and advocacy by focusing outreach to and engagement with younger populations which will develop a talent pipeline for the City workforce. To support these efforts, the recommended agreement with RJUHSD will continue the formal internship program that complements their existing EWEE programs.

#### FISCAL IMPACT

There is no fiscal impact associated with the Cooperative Vocational Education Agreement.

#### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines §15060(c)(3) and §15378. The proposed execution of a Cooperative Vocational Education Agreement meets the above criteria and is not subject to CEQA. No additional environmental review is required.

#### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal B - Support community engagement and advocacy  
Goal E - Deliver exceptional city services

Respectfully Submitted,

Iulia Tarasova, HR Intern

Stacey Peterson, Human Resources Director



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Dominick Casey, City Manager

**ATTACHMENTS:**

**Description**

Resolution 23-339

RJUHSD Agreement

RESOLUTION NO. 23-339

APPROVING A COOPERATIVE VOCATIONAL EDUCATION AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND ROSEVILLE JOINT UNION HIGH SCHOOL DISTRICT, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a Cooperative Vocational Education Agreement, regarding the Exploratory Work Experience Education (EWEE) program, by and between the City of Roseville and Roseville Joint Union High School District, has been reviewed by the City Council; and

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that said Agreement is hereby approved and the City Manager is authorized to execute it on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_, 2020, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
City Clerk





## **Roseville Joint Union High School District**

### **COOPERATIVE VOCATIONAL EDUCATION AGREEMENT**

This agreement is being initiated by Terri Griffin, Coordinator of Work Based Learning at Roseville Joint High School District.

This agreement is entered into this 10th day of April, 2023, by and between the Superintendent of the Roseville Joint Union High School District ("RJUHS"), hereinafter referred to as "RJUHS" and the City of Roseville (City). In an effort to provide a quality job training experience for students, RJUHS and The City of Roseville agree to the following:

1. City agrees to provide practical experience for RJUHS students who are enrolled in an internship and are therefore considered "special employees" of RJUHS and who are qualified and acceptable to City.
2. The City may reject students who are not qualified or are otherwise not acceptable, at any time in its sole discretion. The City may terminate the experience of any RJUHS student if the student does not perform satisfactorily, at the City's sole discretion. The City will advise the RJUHS instructor prior to taking such action.
3. The City shall provide a thorough orientation about the work site and direct supervision by a designated employee who must be physically present at the work site while the student is in attendance.
4. RJUHS, pursuant to the provision of Education Code Section 51769 shall be considered the employer under Division 4, commencing with section 3200 of the Labor Code, and therefore agrees to secure Worker's Compensation Insurance for students during their uncompensated training activities. RJUHS agrees to accept all financial responsibility for Worker's Compensation Insurance claims under the terms of this policy, and agrees that for all purposes RJUHS shall be considered the employer of record and solely responsible for any applicable benefits, insurance requirements, and any other legal requirement arising out of being the employer of record.
5. RJUHS shall provide direct supervision for students in the classroom, and general supervision while they are under the direct supervision of a designated City employee at the training site.
6. The City and RJUHS shall work jointly in performing the following:
  - a. Assign students to training opportunities that provide experiences consistent with their career/technical goals.
  - b. Provide supervision and a written plan of training activities that insure that students may receive maximum education benefits.
  - c. Maintain accurate records of the student's attendance and job skills performed while at their training site.
  - d. Instruct students as to City's rules and regulations to be adhered to while performing training activities.
  - e. Counsel each student regarding problems that may arise pertaining to the student's training performance or behavior.
  - f. Provide desirable training conditions that will not endanger the health, safety or welfare of students, including protection from discrimination and sexual harassment.
  - g. Provide written performance ratings on each student performing training activities. RJUHS shall provide the City with the performance rating forms.

7. The City shall:
  - a. Consult the Instructor assigned to each student by RJUHSD regarding problems that may arise pertaining to student's training performance or behavior.
  - b. Permit the Instructor or Counselor of each student to observe the student while performing training activities hereunder.
  - c. Notify RJUHSD immediately if/when there is a workplace injury involving the participant.
8. No student shall be denied participation in the Roseville Joint Union High School District Internship Program because of race, color, religion, creed, age, sex, gender, sexual orientation, gender identity, gender expression, medical condition, genetic information, ancestry, national origin, age, disability, marital status, military or veteran status, political affiliation, or any other protected characteristic.
9. Placements shall not be created as a result of, and may not result in, any of the following:
  - a. Displacement, or partial displacement, of current CITY employees, including, but not limited to a reduction in work hours, wages, or employment benefits, or overtime hours of CITY employees.
  - b. The filling of established unfilled positions, unless the positions are unfunded in City's budget.
  - c. The filling of positions, which would otherwise be promotional opportunities for current CITY employees.
  - d. The filling of a position, prior to compliance with applicable personnel procedures or provisions of collective bargaining agreements.
  - e. The filling of a position created by termination, layoff, or reduction in workforce.
  - f. The filling of a work assignment customarily performed by a worker in a job classification within a recognized collective bargaining unit in the specific worksite, or the filling of a work assignment in the bargaining unit in which funded positions are vacant or in which regular employees are on layoffs.
  - g. A strike, lockout, or other bona fide labor dispute, or violation of any existing collective bargaining agreement between employees and employers.
  - h. Excess of 12 hours per week, 960 hours per fiscal year.
10. During work activity, the worksite shall endeavor to provide:
  - a. Reasonable and proper supervision and instruction regarding work behavior skills.
  - b. One-the-job enhancement of existing skills.
  - c. Safety instructions and equipment necessary for protection against injury, excluding any, if applicable, personal protective clothing and footwear. Participant, if a particular assignment requires, shall be personally responsible for providing participants own clothing and footwear.
11. No Agency. City and RJUHSD understand and agree that there is no agency relationship between the parties. It is further understood and agreed by the parties that notwithstanding anything contained herein, the officers, agents, and employees of each party shall continue to be entirely and exclusively under the direction, supervision and control of the employing partner. Accordingly, each party shall assume responsibility and liability for the acts of its own officers, agents and employees in connection with the performance of their official duties under this agreement. Participants shall not be entitled to any benefits payable to regular employees of City, including, but not limited to, workers' compensation benefits. It is further understood and agreed that a participant is not an employee of City, and RJUHSD assigned participants shall not have any entitlement as if a City employee, right to act on behalf of CITY in any official capacity whatsoever, nor to bind City to any Obligation whatsoever.
12. Indemnification. RJUHSD shall hold harmless, defend and indemnify City and its officers, officials, employees and volunteers from and against all claims, damages, loss and expenses including attorney fees arising out of the work described herein, caused in whole or in part by any negligent act or omission of RJUHSD, its officers, agents, and employees, except where caused by the active negligence, sole negligence, or willful misconduct of City. Likewise, City shall hold harmless, defend and indemnify RJUHSD and its officers, officials, and employees from and against all claims, damages, losses and expenses including attorney fees arising out of the work described herein, caused in whole or in part by any negligent act or omission of City, its officers, agents, and employees, except where caused by the active negligence, sole negligence, or willful misconduct of RJUHSD. These defense and indemnity obligations shall survive the termination or completion of this agreement for the full period of time allowed by law.
13. Insurance. City and RJUHSD agree to continuously maintain, in full force and effect, at a minimum the following policies of insurance or self-insurance during the term of this Agreement:

| COVERAGE                           | LIMITS OF LIABILITY                                  |
|------------------------------------|------------------------------------------------------|
| Workers' Compensation              | Statutory                                            |
| Commercial General Liability       | \$1,000,000 each occurrence<br>\$2,000,000 aggregate |
| Personal Injury                    | \$1,000,000 each occurrence<br>\$2,000,000 aggregate |
| Automobile Liability Bodily Injury | \$1,000,000 per person<br>\$1,000,000 per accident   |
| Property Damage                    | \$1,000,000 per occurrence                           |

14. Notices. All notices and other communications concerning this agreement shall be in writing and shall be deemed to have been duly given (i) on the date of delivery, if delivered personally to the party to whom notice is given, or if made by telecopy directed to the party to whom notice is to be given at the telecopy number listed below, or (ii) at the earlier of actual receipt or the second business day following deposit in the United States mail, postage prepaid. Notices and other communications shall be directed to the parties at the addresses shown below.

City of Roseville  
Human Resource Department  
311 Vernon Street Roseville,  
CA 95678

RJUHSD:  
Terri Griffin  
[tgriffin@riuhsd.us](mailto:tgriffin@riuhsd.us)  
1750 Cirby Way  
Roseville, Ca 95661

15. Either party may terminate this agreement at any time upon written notice to the other party.
16. Amendments. This agreement may be amended at any time by a written instrument executed by all of the Parties hereto.
17. Entire Agreement. This agreement is intended as the complete integration of all understandings between RJUHSD and City, and constitutes the entire agreement between the parties pertaining to the subject matter contained herein, and supersedes all prior and contemporaneous oral and written agreements, representatives, statements, documents, or understandings of the parties. No prior or contemporaneous addition, deletion, or other amendments shall have any force or effect unless embodied in writing signed by both parties.
18. Severability. Any provision of this agreement which is determined by a court of competent jurisdiction to be invalid or unenforceable shall be invalid or unenforceable only to the extent of such determination, which shall not invalidate or otherwise render ineffective any other provision of this agreement, except necessary to carry out the intent of the parties in entering into this agreement.
19. Venue; Governing Law. Any action arising out of this agreement shall be brought in Placer County, California, regardless of where else venue may lie. This Agreement shall be governed by and construed in accordance with the laws of the State of California.
20. Authority. Each of the persons signing this agreement on behalf of a party hereto represents that he or she is authorized to sign the agreement on behalf of such party and that all approvals, resolutions, and consent which must be obtained to bind such party have been obtained and that no further approvals, acts, or consents are required to bind such party to this Agreement.

Either party may terminate this agreement at any time upon written notice to the other party. Cooperative Vocational Education Agreement shall be in effect for a period not to exceed three years. This Agreement will be in effect February 6, 2023, through February 6, 2026.

All above provisions are agreed to by:

  
\_\_\_\_\_  
John Becker  
Superintendent, Roseville Joint Union High School District

\_\_\_\_\_  
The City of Roseville Representative Signature

Title

Date



## COUNCIL COMMUNICATION

CC #: 2878

File #: 0103 & 0103-41-03 & 0103-22

**Title:** Board of Appeals and Local Sales Tax Citizens' Oversight Committee -  
Unscheduled Vacancy Appointments

**Contact:** Katrina Six 916-774-5267 kmsix@roseville.ca.us

**Meeting Date:** 8/16/2023

**Item #:** 8.1.

### RECOMMENDATION TO COUNCIL

Recommend Council appoint one (1) individual to the Board of Appeals to a term expiring December 31, 2026 from the applications received from: Bob Bettencourt, Eric Rude, Sherry Rutledge, Louise Santiago, Robert Schmitt, and Patrick Vitalone.

Appoint three (3) individuals to the Local Sales Tax Citizens' Oversight Committee to terms expiring June 30, 2027 from the applications received from Bob Bettencourt, Brian Boyd, Jordan Bunnell, Kathryn Kitchell, and Robert Schmitt.

### BACKGROUND

The resignation of Steve Miller created an unscheduled vacancy on the Board of Appeals with a term expiring December 31, 2026. During the biennial recruitment for the Local Sales Tax Citizens' Oversight Committee, no applications were received. Therefore, this caused three unscheduled vacancies with terms expiring June 30, 2027. Recruitment for all vacancies occurred in July, video interviews of the applicants were conducted by the City Clerk Department, and the City Attorney's Office reviewed the Statements of Economic Interest (Form 700) for potential conflicts of interest. The application, video interviews, and confidential attorney review are compiled and provided to the City Council for consideration.

### FISCAL IMPACT

There is no fiscal impact.

### ENVIRONMENTAL REVIEW

The California Environmental Quality Act (CEQA) does not apply to activities that will not result in a direct or reasonably foreseeable indirect physical change in the environment, or is otherwise not considered a project as defined by CEQA Statute §21065 and CEQA State Guidelines

§15060(c)(3) and §15378. The appointment of members to boards or commissions meets the above criteria and is not subject to CEQA. No additional environmental review is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal B - Support community engagement and advocacy

Respectfully Submitted,

Katrina Six, City Clerk Technician

Carmen Avalos, City Clerk

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line, positioned above a horizontal line.

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Dominick Casey, City Manager



## COUNCIL COMMUNICATION

**CC #: 2881**

**File #: 0400-04-12-1 & 0400-07-01**

**Title:** Sierra Vista Specific Plan Parcel KT-41A & KT-41B (6000 Baseline Road) Erickson Senior Living – Development Agreement Amendment, Major Project Permit Stage 1, Major Project Permit Stage 2, and Lot Line Adjustment

**Contact:** Sean Morales 916-774-5282 smorales@roseville.ca.us

**Meeting Date: 8/16/2023**

**Item #: 9.1.**

### RECOMMENDATION TO COUNCIL

At the July 13, 2023, Planning Commission meeting, the Planning Commission recommended the City Council take the following actions on the project:

1. Consider the 11th Addendum to the Sierra Vista Specific Plan Environmental Impact Report (EIR); and
2. Adopt the five (5) findings of fact and introduce for first reading an ordinance approving the Third Amendment of the Development Agreement by and between the City of Roseville and KV Sierra Vista, LLC.

### BACKGROUND

This Council Communication provides a summary evaluation of the project and a summary of the July 13, 2023 Planning Commission hearing. A more detailed background and evaluation is provided in the Planning Commission staff report, included as Attachment 1.

#### Background/Project Description

The project site is located within the Sierra Vista Specific Plan (SVSP) area, which was adopted on May 5, 2010. The plan area includes 2,064 acres west of Fiddymont Road and north of Baseline Road. The requested entitlements would allow for the development of a 2.1 million square-foot continuing care retirement community (CCRC), consisting of approximately 1,200 independent living units, 40 skilled nursing beds, and 200 assisted living/memory care beds, on a 55.6-acre site. The project includes a Development Agreement Amendment to amend the agreement in order to memorialize the operations and use type classifications of the project as well as timing for needed electrical improvements.

Associated with this request was a Major Project Permit Stage 1 to approve the preliminary development plan. The preliminary plan establishes the configuration of the buildings, rough

grading and drainage on-site, vehicular and pedestrian circulation, and the preliminary landscape plan. The entire Erickson Senior Living site is included in the MPP Stage 1 review. A Major Project Permit Stage 2 was also requested to approve the architectural design, landscape treatments, and design guidelines. Only Phase 1 of the project is included in the MPP Stage 2 review. Phase 1 includes five of the fifteen total buildings planned for the site and associated landscape and parking areas. A Lot Line Adjustment was also requested to move the existing lot line that divides the two large lot parcels to better accommodate the proposed site plan. The Planning Commission unanimously approved these entitlements at their July 13, 2023 meeting. Further discussion and exhibits for these entitlements are included in the Planning Commission staff report (Attachment 1).

### Summary Evaluation

As described above, the DA will be amended to memorialize the applicant and City obligations for the use type classification of the project and for the required electrical improvements.

### Use Type Classification

The three functions of the Erickson Senior Living project are consistent with two distinct commercial use types found in the Zoning Ordinance Use Type Classifications section 19.08. The three uses found in the project are listed below followed by the applicable use type and definition in section 19.08.

The Independent Living Units and Assisted Living/Memory Care units are consistent with the Community Care Facility definition: “includes any facility serving as a residence where non-medical care is provided on a 24-hour basis with central or private kitchen facilities, dining, recreational and other facilities. Typical uses include assisted living facilities and facilities licensed by the State Department of Social Services. Does not include long-term care facilities.”

The Skilled Nursing building is consistent with the City’s Long Term Care Facility definition: “includes an institution or a portion of an institution that is licensed or approved to provide health care under medical supervision for 24 or more consecutive hours as defined by the Health and Safety Code Section 1267.16, as may be amended from time to time. Typical uses include extended care facilities, intermediate care facilities, skilled nursing facilities, hospices and other facilities licensed by the State Department of Health Services.”

Both Community Care and Long Term Care Facilities are principally permitted in the GC zone. Therefore, the Erickson Senior Living project is a principally permitted use on the subject property. However, the uses are only principally permitted as long as they operate in the ways described in the use type classifications. Most importantly, all residents of the independent living units must receive some level of medical care. Without medical care, the units would be considered a Multi-family Residential use and not permitted in the GC zone. Section 2.9 is proposed to be added to the DA to define the CCRC use and what operations are required to be provided to the residents in order to classify the use as a Community Care Facility within the Zoning Ordinance and thus be principally permitted in the GC zone.

California Health and Safety Code requires all providers offering continuing care contracts must also obtain a certificate of authority and a residential care facility for the elderly (RCFE) license. California Health and Safety Code requires that RCFEs provide the following basic services: “personal assistance and care; regular observation of physical, mental, emotional, and social functioning; supervision; planned activities; food service; and arrangements for obtaining incidental medical and dental care.” In addition to these services the facility must provide an array of other services as described in DA Exhibit LL. In general, the facility differentiates itself from a Multi-



Family Residential use by providing a high level of care and supervision to all of its residents. Following these operational requirements ensures the use will be consistent with the General Plan and Specific Plan land use designations for the site as well as the Zoning designation.

Additionally, subsection 2.9.1 is proposed to be added within the new DA section 2.9 to memorialize an affordable housing contribution fee the City and applicant have negotiated that will be paid into the City's housing trust fund. This fee will be assessed on the square footage of the habitable portions of the independent living units and will allow the City to provide financial assistance to affordable housing projects in the future.

#### Electrical Service

Projected electric demands for buildout of the project exceed the electric demand planned for Parcels KT-41A and KT-41B in the SVSP. Roseville Electric estimates that the Erickson Senior Living project buildout will demand approximately 19.3 megavolt amperes ("MVA"), including 8.2 MVA for Parcel KT-41A and 11.1 MVA for Parcel KT-41B. If the project design exceeds these estimates for electric demand, Landowner shall fund City's re-evaluation of the electric infrastructure necessary to provide electric service to the project, to the satisfaction of the Electric Utility Director.

Phasing of the project and required infrastructure are outlined in the new DA section 3.11.8 and Exhibit MM. Consistency with the requirements in the DA amendment will ensure that the project can operate in a way that allows Roseville Electric to serve the residents of the site and surrounding areas in a safe and orderly way.

#### Summary of Planning Commission Meeting

The project was heard by the City's Planning Commission on July 13, 2023. No written comments were received before the commission hearing. The applicant addressed the Commission, spoke in favor of the project, and requested approval by the Commission.

Public testimony was received from two individuals. Both individuals were residents of Fandango Loop in close proximity to the northern portion of the project. The residents raised concerns about construction staging, height of the buildings, privacy concerns, semi-truck parking, increased traffic, and deliveries.

Commission discussed concerns and asked staff for responses:

Construction Staging: Main construction access to the site will be off of Baseline Road, away from the residences on Sierra Village Drive. While initial construction staging may occur on Sierra Village Drive, as the project progresses the construction equipment will be stored on the large project site.

Building Heights: As discussed in the Planning Commission staff report, staff finds that despite the fact that the height of the buildings exceeds the limitations of the General Commercial zone, the lengthy distance of the buildings from the street and neighboring residences provides an appropriate transition in height.

Privacy Concerns: While the height of the buildings will make them visible from nearby homes, the distance from the homes reduces impacts to privacy. Additionally, the project buildings are oriented with the shorter ends facing the residents to the north. This reduces the number of units facing the existing residences.

Semi-truck parking: The applicant has worked with the residents and police to ensure that no

vehicles are parking illegally on adjacent streets.

Increased traffic and deliveries: In the Sierra Vista Specific Plan, the site was anticipated for a large format retail use. The adjacent roadways were planned to accommodate this potential use. The proposed senior living facility is projected to create twenty-five percent of the trips that a large format retail use would have produced. Traffic will therefore be much less than anticipated. Similarly, the number of deliveries would have been higher in volume and size of vehicle with a large format retail use. Deliveries will occur during normal business hours.

After deliberation, the Planning Commission considered the 11th Addendum to the SVSP Environmental Impact Report (EIR), approved the Major Project Permit Stage 1, Major Project Permit Stage 2, and Lot Line Adjustment, and recommended the City Council approve the Development Agreement Amendment, with a vote of 5 aye, 0 nay, 2 absent.

### FISCAL IMPACT

The project is not anticipated to result in any negative impacts to the City's General Fund. The project will generate construction jobs.

### ENVIRONMENTAL REVIEW

Consistent with CEQA Guidelines Section 15164, regarding a previously certified and adopted Environmental Impact Report (EIR), an Addendum to the Sierra Vista Specific Plan EIR (SCH #2008032115, certified May 5, 2010) has been prepared to cover the minor technical changes and additions necessary to describe the impacts of the proposed project. The Addendum did not identify any new environmental impacts from the project.

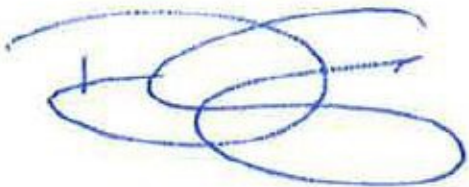
### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Sean Morales, Associate Planner

Mike Isom, Development Services Director



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Dominick Casey, City Manager

## **ATTACHMENTS:**

### **Description**

Attachment 1 PC Staff Report

Attachment 2 PC Exhibit C Stage 1 plans

Attachment 3 PC Exhibit D Stage 2 plans part 1

Attachment 3 PC Exhibit D Stage 2 plans part 2

Attachment 4 PC Exhibit E Design Guidelines

Attachment 5 PC Exhibit F Lot Line Adjustment

Attachment 6 Vicinity Map

Exhibit A Addendum

Ordinance for Third Amendment to KV Sierra Vista DA

Exhibit B Development Agreement Amendment

**ITEM 6.1:**      **Development Agreement Amendment, Major Project Permit Stage 1 and Stage 2, and Lot Line Adjustment – 6000 Baseline Road – SVSP PCL KT-41A & KT-41B – Erickson Senior Living – File # PL22-0207**

**REQUEST**

The applicant requests a Major Project Permit Stage 1 to review the site plan for Erickson Senior Living, a 2.1 million square-foot continuing care retirement community, consisting of approximately 1,200 independent living units, 40 skilled nursing beds, and 200 assisted living/memory care beds, on a 55.6-acre site. A Major Project Permit Stage 2 is also requested to review the building elevations for Phase 1 of the project, which will total approximately 630,000 square feet and include 354 independent living units. A Development Agreement Amendment and Lot Line Adjustment are also requested for the project.

Applicant – Kris Steward, Plan Steward, Inc.  
Property Owner – KV Sierra Vista LLC

**SUMMARY RECOMMENDATION**

The Planning Division recommends that the Planning Commission take the following actions:

1. Consider the 11<sup>th</sup> Addendum to the Sierra Vista Specific Plan Environmental Impact Report;
2. Recommend the City Council approve the Development Agreement Amendment;
3. Adopt the two (2) findings of fact and approve the Major Project Permit Stage 1 subject to ninety-two (92) conditions of approval;
4. Adopt the two (2) findings of fact and approve the Major Project Permit Stage 2 subject to ninety-two (92) conditions of approval;
5. Approve the Lot Line Adjustment subject to (9) nine conditions of approval.

**SUMMARY OF OUTSTANDING ISSUES**

There are no outstanding issues associated with this request. The applicant has reviewed and is in agreement with all recommended conditions of approval. The public outreach section of this report contains additional detail on the neighborhood meeting held for this project. As of publication of the staff report, no comments have been received in response to the notice for the Planning Commission meeting.

**BACKGROUND**

The project site is located at 6000 Baseline Road on Parcels KT-41A and KT-41B within the Sierra Vista Specific Plan (SVSP) on the north side of Baseline Rd. between Westbrook Bl. and Santucci Bl. The approximately 56-acre property has a Zoning Designation of General Commercial (GC) and land use designation of Community Commercial (CC). The site is bordered by Baseline Road with unincorporated Placer County beyond to the south, Open Space parcel KT-81 to the southwest, undeveloped High-Density Residential parcel KT-30 to the west, Medium-Density Residential parcel KT-21B to the northwest, future neighborhood park KT-52 to the north, Low-Density Residential parcels KT-2, KT-3B, and KT-5 to the northeast, and Community Commercial parcel KT-42 to the east (see Figure 1).

The Sierra Vista Specific Plan (SVSP) was adopted by the City Council on May 5, 2010. The plan area includes 2,064 acres west of Fiddymont Road, and north of Baseline Road. The SVSP established the

land use and zoning for properties within the plan area. The Specific Plan includes 8,679 single and multi-family units, 259 acres of commercial, 106 acres of park, 304 acres of open space, 56 acres for schools and 40 acres of urban reserve. At build out, the Plan area is expected to accommodate approximately 20,045 residents and provide 9,000 jobs.

The two subject parcels, KT-41A and KT-41B, were approved with the Phased Large Lot Tentative Subdivision Map to subdivide the entire SVSP area into 150 large lots in 2011. The lots were recorded by Final Map in June 2019 as part of a 5-parcel Large Lot Subdivision owned by KV Sierra Vista LLC.

The current request is for a Major Project Permit Stage 1 to review the site plan for Erickson Senior Living, a 2.1 million square-foot continuing care retirement community, consisting of approximately 1,200 independent living units, 40 skilled nursing beds, and 200 assisted living/memory care beds, on a 55.6-acre site. A Major Project Permit Stage 2 is also requested to review the building elevations for Phase 1 of the project, which will total approximately 630,000 square feet and include 354 independent living units. A Development Agreement Amendment and Lot Line Adjustment are also requested for the project.

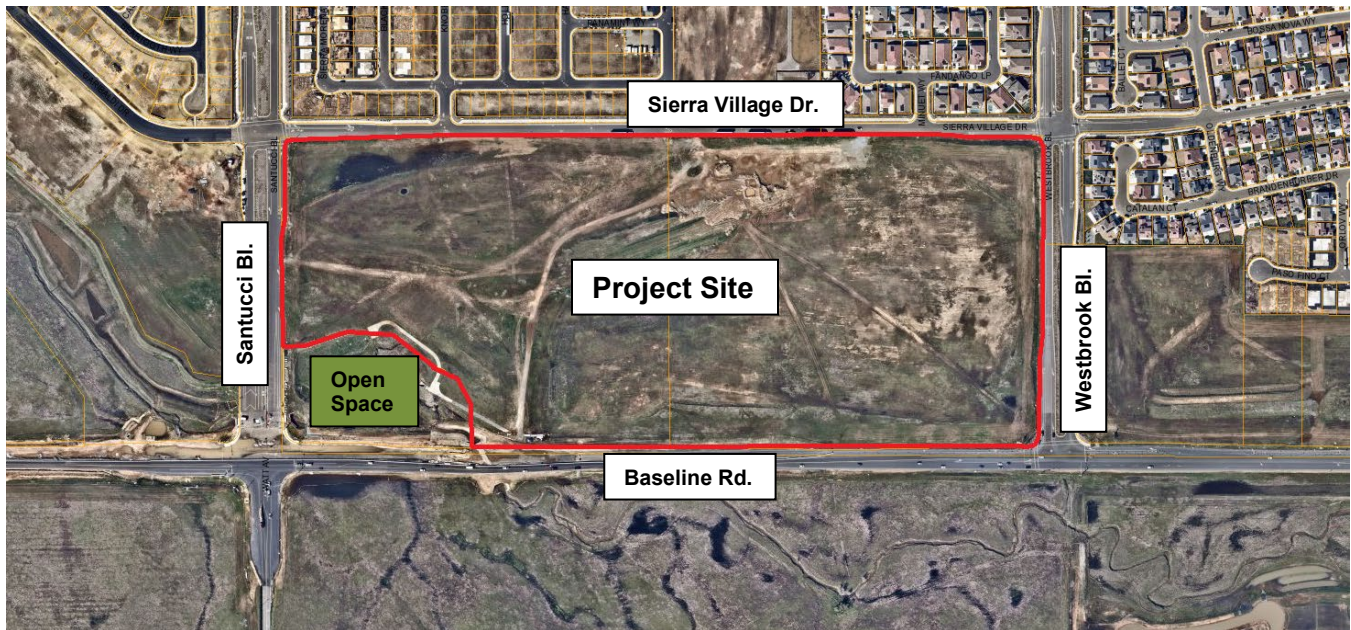
The three functions of the Erickson Senior Living project are consistent with two distinct commercial use types found in the Zoning Ordinance Use Type Classifications section 19.08. The three uses found in the project are listed below followed by the applicable use type and definition in section 19.08.

**Independent Living Units and Assisted Living/Memory Care:** Community Care Facility “includes any facility serving as a residence where non-medical care is provided on a 24-hour basis with central or private kitchen facilities, dining, recreational and other facilities. Typical uses include assisted living facilities and facilities licensed by the State Department of Social Services. Does not include long-term care facilities.

**Skilled Nursing:** Long Term Care Facility “includes an institution or a portion of an institution that is licensed or approved to provide health care under medical supervision for 24 or more consecutive hours as defined by the Health and Safety Code Section 1267.16, as may be amended from time to time. Typical uses include extended care facilities, intermediate care facilities, skilled nursing facilities, hospices and other facilities licensed by the State Department of Health Services.”

Both Community Care and Long Term Care Facilities are principally permitted in the GC zone. Therefore, the Erickson Senior Living project is a principally permitted use on the subject property. However, the uses are only principally permitted as long as they operate in the ways described in the use type classifications. Most importantly, all residents of the independent living units must receive some level of medical care. Without medical care, the units would be considered a Multi-family Residential use and not permitted in the GC zone. The requirements are described in more detail in the Development Agreement Amendment proposed with the project. The amendment is discussed in the evaluation section of this report.

**Figure 1: Project Location (bordered in red)**



## **PROJECT DESCRIPTION**

**Development Agreement Amendment** – The project site is within the area covered by the Baseline P&R Development Agreement. The applicant proposes to amend the agreement in order to memorialize the operations and use type classifications of the project as well as timing for needed electrical improvements.

**Major Project Permit Stage 1** – The intent of the Major Project Permit (MPP) process is to streamline the review of large and diverse projects that could be constructed over a period of several years. The MPP process allows for the resolution of site issues prior to the review of more detailed architectural and landscape issues that may not be finalized at the time the site plan is ready. Stage 1 consists of the approval of a preliminary development plan. The preliminary plan will establish the configuration of the buildings, rough grading and drainage on-site, vehicular and pedestrian circulation, and the preliminary landscape plan. The entire Erickson Senior Living site is included in the MPP Stage 1 review.

**Major Project Permit Stage 2** – Stage 2 of the Major Project Permit includes review of the architectural design, landscape treatments, and design guidelines. Only Phase 1 of the project is included in the MPP Stage 2 review. Phase 1 includes the five buildings shown in Table 1 below and associated landscape and parking areas.

**Table 1. Phase 1 Buildings**

| Phase | Building         | Stories | Units | Total SF |
|-------|------------------|---------|-------|----------|
| 1     | Marketing Center | 1       | 0     | 5,175    |
| 1     | RB 1.1           | 5       | 113   | 211,010  |
| 1     | CB 1.0           | 1       | .     | 14,720   |

|                         |        |   |     |         |
|-------------------------|--------|---|-----|---------|
| 1                       | RB 1.2 | 5 | 124 | 214,325 |
| 1                       | RB 1.3 | 6 | 117 | 184,075 |
| <i>Phase 1 Subtotal</i> |        |   | 354 | 629,305 |

**Lot Line Adjustment** – The applicant proposes to move the existing lot line that divides the two large lot parcels to better accommodate the proposed site plan.

### **EVALUATION: DEVELOPMENT AGREEMENT AMENDMENT**

Section 19.84.040 of the City of Roseville Zoning Ordinance specifies that recommendations for approval or denial of a Development Agreement (DA), including Amendments, shall include consideration of the following:

- 1. Consistency with the objectives, policies, general land uses and programs specified in the General Plan and the Sierra Vista Specific Plan;***
- 2. Consistency with the provisions of the City of Roseville Zoning Ordinance;***
- 3. Conformity with the public health, safety and general welfare;***
- 4. The effect on the orderly development of the property or the preservation of property values; and***
- 5. Whether the provisions of the Agreement shall provide sufficient benefit to the City to justify entering into the Agreement.***

Development Agreements (DAs) are binding contracts that set the terms, rules, conditions, regulations, entitlements, responsibilities, and other provisions relating to the development of the covered properties. The project includes a third amendment of the Baseline P&R DA (Exhibit B). The DA will be amended to memorialize the applicant and City obligations for the use type classification of the project and for the required electrical improvements.

### **Use Type Classification**

Erickson Senior Living proposes to construct the first continuing care retirement community (CCRC) in the City of Roseville. In many ways the community will function similar to a Multi-Family Residential development, which would not be permitted within the GC zone. Section 2.9 is proposed to be added to the DA to define the CCRC use and what operations are required to be provided to the residents in order to classify the use as a Community Care Facility within the Zoning Ordinance and thus be principally permitted in the GC zone.

California Health and Safety Code requires all providers offering continuing care contracts must also obtain a certificate of authority and a residential care facility for the elderly (RCFE) license. California Health and Safety Code requires that RCFEs provide the following basic services: “personal assistance and care; regular observation of physical, mental, emotional, and social functioning; supervision; planned activities; food service; and arrangements for obtaining incidental medical and dental care.” In addition to these services the facility must provide an array of other services as described in DA Exhibit LL. In general, the facility differentiates itself from a Multi-Family Residential use by providing a high level of care and supervision to all of its residents. Following these operational requirements ensures the use will be consistent with the General Plan and Specific Plan land use designations for the site as well as the Zoning designation.



Additionally, subsection 2.9.1 is proposed to be added within the new DA section 2.9 to memorialize the affordable housing contribution fee the applicant will be required to pay per square foot of the habitable portions of the independent living units. This fee provides sufficient benefit to the City, by contributing to the City's affordable housing trust fund, to justify entering into the agreement to allow the proposed CCRC use. The independent living units are similar to a Multi-Family Residential use. If the project was multi-family, a minimum of 10% of the units would be required to be affordable. The proposed affordable housing contribution fee is meant to create a similar benefit to the city in fees as a comparable multi-family project would contribute in affordable housing units.

### Electrical Service

Projected electric demands for buildout of the project exceed the electric demand planned for Parcels KT-41A and KT-41B in the SVSP. Roseville Electric estimates that the Erickson Senior Living project buildout will demand approximately 19.3 megavolt amperes ("MVA"), including 8.2 MVA for Parcel KT-41A and 11.1 MVA for Parcel KT-41B. If the project design exceeds these estimates for electric demand, Landowner shall fund City's re-evaluation of the electric infrastructure necessary to provide electric service to the project, to the satisfaction of the Electric Utility Director.

Phasing of the project and required infrastructure are outlined in the new DA section 3.11.8 and Exhibit MM. Consistency with the requirements in the DA amendment will ensure that the project can operate in a way that allows Roseville Electric to serve the residents of the site and surrounding areas in a safe and orderly way.

### EVALUATION: MAJOR PROJECT PERMIT STAGE 1

Section 19.82.030.B.2.a of the City of Roseville Zoning Ordinance specifies that recommendations for approval or denial of a Major Project Permit Stage 1 shall include consideration of the following:

- 1. The Preliminary Development Plan is consistent with the General Plan, applicable Specific Plan, and adopted City design guidelines; and***
- 2. The design and installation of the Preliminary Development Plan shall not be detrimental to the public health and safety, or be materially detrimental to the public welfare.***

### Site Design

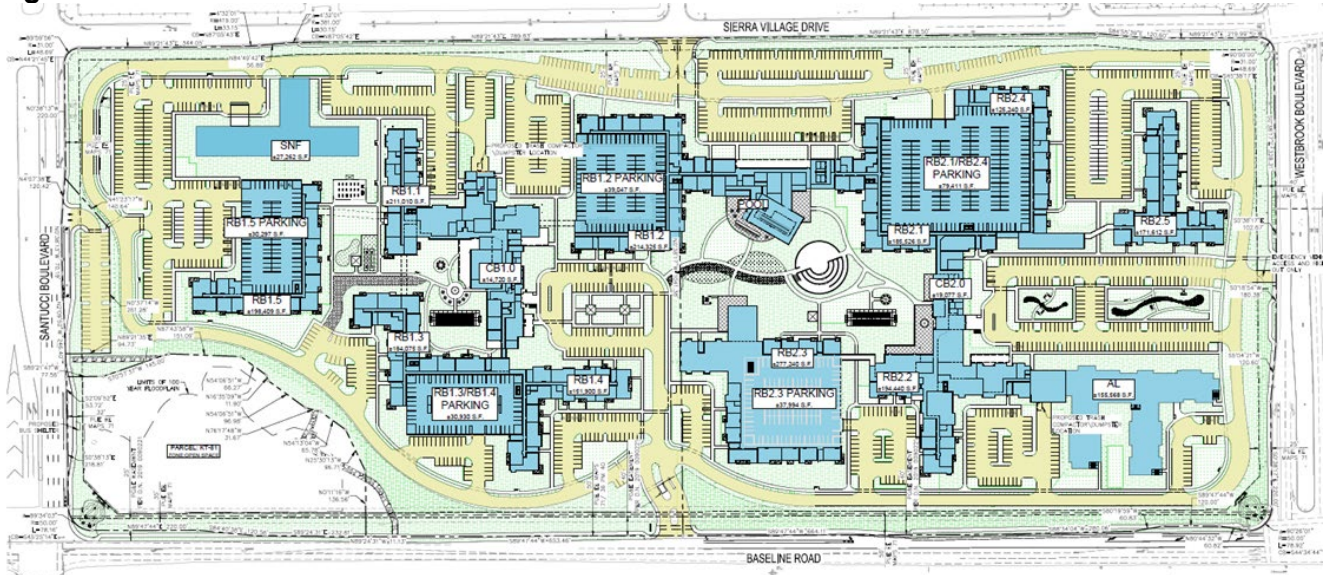
The proposed site plan (Figure 2) shows the proposed layout of the Erickson Senior Living development. At full buildout, the project will include fourteen buildings, though many of the buildings are interconnected (Exhibit C). A list of buildings is included as Table 2 below. The buildings are spread over the 55.6-acre property and do not have frontage on any public streets but contain access via the network of drive aisles and pedestrian and bicycle pathways. A continuous drive aisle circles the entire site and there are various parking areas within this ring road for access to the buildings within. In addition to open air parking lots, there are five parking areas that are located below second floor amenity areas. These covered parking areas provide direct access to building entrances without exposure to weather.



**Table 2. Building Summary**

| Phase                   | Building         | Stories | Units | Beds | Total SF  |
|-------------------------|------------------|---------|-------|------|-----------|
| <b>Phase 1</b>          |                  |         |       |      |           |
| 1                       | Marketing Center | 1       | 0     | 0    | 5,175     |
| 1                       | RB 1.1           | 5       | 113   | 0    | 211,010   |
| 1                       | CB 1.0           | 1       | .     | 0    | 14,720    |
| 1                       | RB 1.2           | 5       | 124   | 0    | 214,325   |
| 1                       | RB 1.3           | 6       | 117   | 0    | 184,075   |
| <i>Phase 1 Subtotal</i> |                  |         | 354   | 0    | 629,305   |
| <b>Phase 2</b>          |                  |         |       |      |           |
| 2                       | RB 1.4           | 6       | 117   | 0    | 151,900   |
| 2                       | RB 1.5           | 6       | 117   | 0    | 198,409   |
| <i>Phase 2 Subtotal</i> |                  |         | 234   | 0    | 350,309   |
| <b>Phase 3</b>          |                  |         |       |      |           |
| 3                       | Assisted Living  | 4       | 0     | 200  | 155,568   |
| <i>Phase 3 Subtotal</i> |                  |         | 0     | 200  | 155,568   |
| <b>Phase 4</b>          |                  |         |       |      |           |
| 4                       | RB 2.1           | 5       | 113   | 0    | 185,526   |
| 4                       | CB 2.0           | 1       | 0     | 0    | 19,077    |
| 4                       | RB 2.2           | 6       | 117   | 0    | 194,440   |
| 4                       | RB 2.4           | 5       | 124   | 0    | 125,240   |
| <i>Phase 4 Subtotal</i> |                  |         | 354   | 0    | 524,283   |
| <b>Phase 5</b>          |                  |         |       |      |           |
| 5                       | RB 2.3           | 6       | 141   | 0    | 277,240   |
| 5                       | RB 2.5           | 6       | 117   | 0    | 171,612   |
| <i>Phase 5 Subtotal</i> |                  |         | 258   | 0    | 448,852   |
| <b>Phase 6</b>          |                  |         |       |      |           |
| 6                       | Skilled Nursing  | 1       | 0     | 40   | 27,262    |
| <i>Phase 6 Subtotal</i> |                  |         | 0     | 40   | 27,262    |
| Total                   |                  |         | 1,200 | 240  | 2,135,579 |

**Figure 2. Site Plan**



### Vehicle and Pedestrian Access and Circulation

There are four driveways that provide ingress and/or egress for the site. One driveway is located on each street; Baseline Rd., Santucci Bl., Sierra Village Dr., and Westbrook Bl. Traffic consultants Kimley-Horn evaluated access to the site in a local traffic evaluation memorandum that is included in the addendum (Exhibit A). The main entrance for residents and guests to the site will be from a driveway on Baseline Road. There will be a guard shack at this entrance to monitor access. Two lanes are provided for the entrance and ample stacking is provided to ensure vehicles do not back up onto Baseline Rd. A right-turn deceleration lane will be provided on Baseline Rd. The driveway on Santucci Bl. is strictly for use of a Park and Ride parking lot. The lot is adjacent to a future bus stop on Santucci Bl. A total of 50 spaces are provided in the lot, consistent with the SVSP. The driveway on Sierra Village Drive is a secondary entrance allowing ingress and egress for residents and will be gated. The driveway on Westbrook Bl. will allow ingress and egress for Emergency Vehicle Access as well as egress only for residents. A loop road provides access to various buildings and parking areas throughout the development.

Pedestrian access is available at each of the driveway entrances including pedestrian only gates on Santucci bl. and Westbrook Bl. Walking paths provide access throughout the site, including across amenity areas where vehicles are not permitted. In addition to paved outdoor paths, raised corridors provide protected access between many of the buildings.

### Building Height

Building architecture is reviewed in detail in Stage 2 of the MPP process (Exhibit D). However, Zoning Ordinance section 19.82 states MPP Stage 1 review includes "Location, estimated floor area and intended use of all proposed buildings, structures and other improvements, including maximum heights." The project consists of buildings with a range of heights including 1, 4, 5, and 6 floors. Zoning Ordinance section 19.12.030 lists the maximum height in the General Commercial zone as 50 feet. It also states that building heights may be modified through the design review process. The applicant proposes to exceed the maximum allowed height in the General Commercial zone with the six floor buildings proposed at approximately 77 feet tall.

The Commercial Development chapter of the Community Design Guidelines (CDG) includes a section related to building form and massing. The guidelines encourage the use of high-quality architecture as well as building separation to reduce the impact of form and mass on neighboring properties. Consistent with CDG CC-41, the Erickson Senior Living project employs varied wall plane, roofline, and building

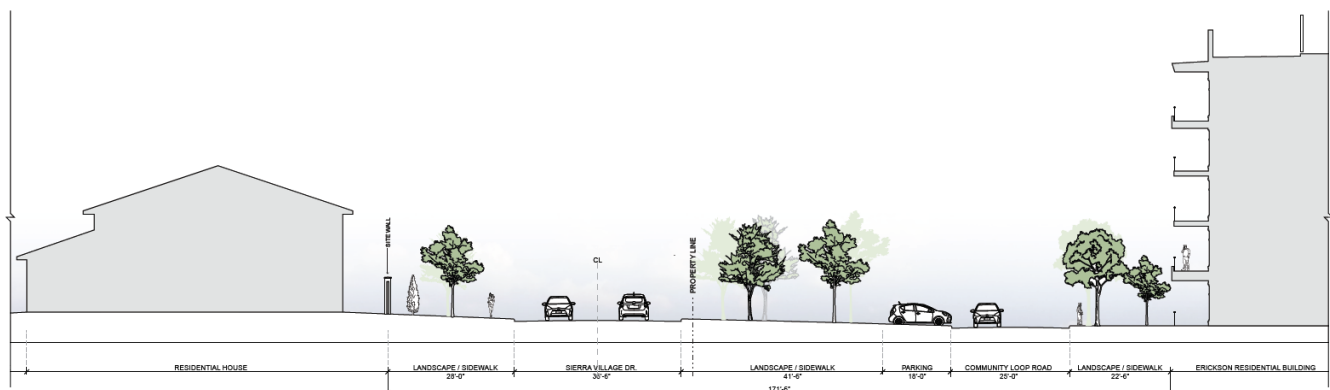
form to create a visually engaging design. Balconies and other building pop outs with a mix of materials including fiber cement plank siding and smooth stucco in varying colors are used across all building elevations for visual interest. CDG CC-42 encourages a gradual transition of building height and mass. The project proposes a gradual transition by providing large setbacks from the property lines adjacent to residential uses. The closest multi-story building to the low-density residential subdivision to the north is building RB2.4, which is 5 stories tall (approximately 66 feet). A section view of RB2.4 in relation to the homes across Sierra Village Drive is provided in Figure 3 below.

On the north side of Sierra Village Drive, a 28-foot landscaped paseo separates the rear fence of the residential properties from the street. The homes have a rear setback of approximately 17 feet, creating an overall distance to the street of 45 feet. By contrast, building RB2.4 is set back 107 feet from Sierra Village Drive. One way to compare the relationship between the different building types and the street is to compare the ratios of height to setback. A comparison is included in Table 2 below. The ratio shows that the proposed Erickson Senior Living building setbacks are proportionally comparable to the setback of the adjacent residences to Sierra Village Drive as their ratio is almost identical. While the Erickson Senior Living buildings are taller in overall height, they are significantly farther from the street, creating a proportionately gradual transition from the street, as encouraged in the CDG.

**Table 2. Height to Setback Ratio**

| Building          | Total Floors | Total Height | Building Setback to Street | Height/Setback Ratio |
|-------------------|--------------|--------------|----------------------------|----------------------|
| 5133 Fandango Lp. | 2            | 28'          | 45                         | .62                  |
| Erickson RB2.4    | 5            | 66'          | 107'                       | .62                  |

**Figure 3. Building Height Section**



The CDG also encourages landscaping and architectural detail at the street level to enhance the pedestrian scale. The Erickson Senior Living building accomplish this goal by providing a base material such as brick or stone on all buildings. Landscape is provided throughout the development including multiple layers of trees at the base of the buildings as well as along the street to enhance the pedestrian scale. Given that the form and massing is consistent with the CDG, staff finds the building heights will not be detrimental to public safety and welfare.

### Parking

A total of 1,872 parking spaces are provided on-site including outdoor and covered parking areas. The City's Zoning Ordinance parking standards has three separate parking requirements for the three uses included in the development. The independent living units function similar to a multi-family senior apartments project. The assisted living use is similar to community care. The skilled nursing facility

operates under the long term care use type. A summary of the parking requirements are included in Table 2 below. Based on the combined uses in the development, there is a surplus of 312 spaces within the project.

**Table 2. Required Parking**

| Use                                          | Parking Standard                  | Required Parking              | Total Provided | Surplus    |
|----------------------------------------------|-----------------------------------|-------------------------------|----------------|------------|
| Independent Living Units (Senior Apartments) | 1/unit plus 1/10 units for guests | 1,200 plus 120 = 1,320 spaces |                |            |
| Assisted Living (Community Care)             | .75/bed                           | 200 x .75 = 150 spaces        |                |            |
| Skilled Nursing (Long Term Care)             | 1/3 employees plus 1/3 beds       | 40/3 plus 80/3 = 40 spaces    |                |            |
| Park and Ride Lot                            | 50 spaces                         | 50 spaces                     |                |            |
| Total                                        |                                   | 1,510 spaces                  | 1,872 spaces   | 312 spaces |

### Conclusion

The MPP Stage 1 is consistent with the allowed uses in the General Plan, Specific Plan, and Zoning Ordinance. The site plan also adheres to the guidelines of these documents by providing adequate access and parking for the users for the site in addition to minimizing any impacts on surrounding uses. The site plans therefore will not be detrimental to public health or welfare.

### **EVALUATION: MAJOR PROJECT PERMIT STAGE 2**

Section 19.82.030.C.2.a of the City of Roseville Zoning Ordinance specifies that recommendations for approval or denial of a Major Project Permit Stage 2 shall include consideration of the following:

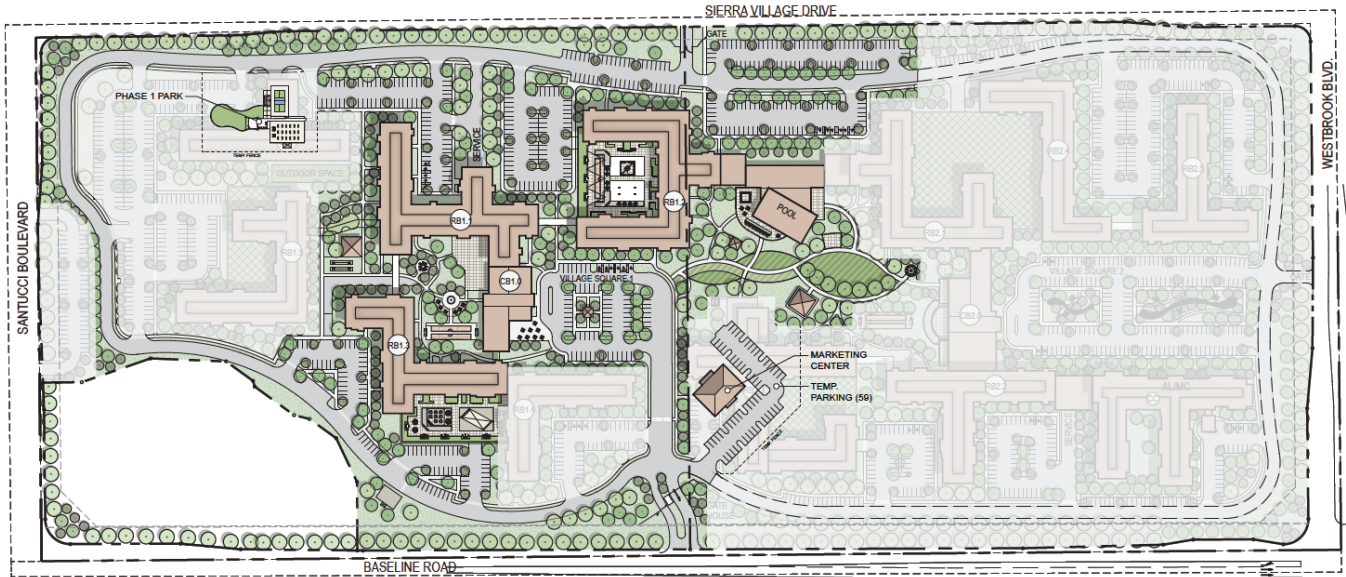
- 1. The architecture and landscaping is consistent with the General Plan, applicable specific plan, and adopted City design guidelines; and Phase I approval; and***
- 2. The design shall not be detrimental to the public health and safety, or be materially detrimental to the public welfare.***

### Architecture

The CDGs suggest that developments with multiple buildings develop an architectural theme throughout the project. The overall architectural theme is a modern design with buildings that employ rectilinear lines but include balconies, wall plane variation, projecting canopies, and varying roof heights to create visual interest (Exhibit D). The applicant established Design Guidelines (Exhibit E) for the development that include colors and materials to be used on each of the buildings. The MPP Stage 2 review is only for Phase 1 of the project, which includes the five buildings highlighted in Figure 4 below, but the Design Guidelines ensure that the architectural theme will also unify all future buildings within the project.



**Figure 4. MPP Stage 2 (Project Phase 1) Site Plan**



The approved colors and materials include two types of fiber cement plank siding and two stucco colors to be used on the building walls and balconies. Additionally, stone and two types of brick will be used around the base and as accent materials on upper floors. Given the size of the buildings, extra attention is given to providing material and wall plane variation to avoid large blank areas. Figure 5 exemplifies the variation in materials. Six different materials are used on the single elevation for visual interest in addition to the balcony and canopy, which provide wall plane variation.

**Figure 5. Building RB1.1 North Elevation Materials Detail**



### Lighting and Landscaping

Landscaping for the project site includes frontage improvements along the perimeter of the property, at project entry points, and within the parking lot. The plantings used are consistent with the SVSP Design Guidelines. The SVSP calls for City Gateway signs at the corner of Baseline Rd. and Santucci Bl. as well as Baseline Rd. and Westbrook Bl. These corners will include enhanced plantings as well as signage marking the entrance into the City. There is a PG&E gas line within the site frontage on Baseline Rd. and no trees are permitted within 10' of the line. However, the large landscape setback along Baseline Rd. ensures trees

will be able to be included along this frontage in addition to smaller plantings consistent with the *Guide to Safe Landscaping Near Gas Pipelines*. There is also landscaping proposed throughout the interior of the site including around amenity areas such as courtyard seating areas, a small performance amphitheater, pool, and bocce ball courts. In addition to ground level landscaping, there will be landscaping on the deck of covered parking areas with direct connection to the residential buildings. The City's minimum requirement of 50% shading in parking lots shall be accomplished with a mix of trees as listed in the Design Guidelines and shown on the Landscape Plans adjacent to parking spaces throughout the site. As proposed and conditioned, staff finds the landscape plan meets the intent of the CDG and the SVSP design guidelines, and is consistent with the City's Water Efficient Landscape Ordinance.

The project will consist of building-mounted light fixtures and parking lot lighting. The parking lot lighting is conditioned to comply with the CDG, which require a minimum of one foot-candle of lighting in the parking areas and 0.5 foot-candle of lighting in the pedestrian walkways. Light standards will have a maximum height of 25' and be shielded to ensure there is no off-site glare.

### Design Guidelines

The applicant submitted a set of preliminary design guidelines with the project. The design guidelines provide a narrative context for the design themes of the project in addition to images and materials that will help guide the architectural design of future building elevations. The overall design theme is contemporary modern. The theme is expressed in the architectural elements and material palette including fiber cement plank siding in addition to stucco walls and base materials of brick and stone. The theme is continued with the examples of fixtures and furnishings including planters and water features with iron and precast elements. Decorative concrete and stamped asphalt are also proposed in key areas and pathways to define the pedestrian environment. Staff will use the design guidelines in addition to the proposed MPP Stage 2 buildings when evaluating future MPP Stage 2 submittals for the elevations to ensure design consistency throughout the development.

### Conclusion

The proposed architecture, landscape design, and design guidelines are consistent with the applicable planning documents and will not be detrimental to public health or welfare. The variation in architecture and landscape result in a project with variation and interest despite the large site. The current proposal is consistent with the MPP Stage 1 proposal and the design guidelines ensure future phases will create unified whole.

## **EVALUATION: LOT LINE ADJUSTMENT**

Section 18.010.080 of the City of Roseville Subdivision Ordinance does not list any required findings for a Lot Line Adjustment (LLA); however, a LLA must comply with the following criteria listed below. Each criterion is listed in ***bold italic*** font, followed by an evaluation.

### ***1. Compliance with the City of Roseville General Plan.***

The subject properties have a land use designation of Community Commercial (CC). As the discussed, the proposed use is consistent with the CC land use designation; therefore, the proposed LLA is in conformance with the General Plan.

### ***2. Compliance with the Zoning Ordinance for the district in which it is located.***

The subject properties have a zoning designation of General Commercial (GC) and are located within the SVSP. The City's Zoning Ordinance establishes minimum development standards for commercial structures located within these zones, but it does not establish any minimum lot sizes or widths. The Lot Line Adjustment does not conflict with any of the City's development standards. The lot line adjustment will move

the lot boundary so as not to conflict with the location of any buildings on-site. The parcel line will be moved to surround the Park and Ride lot, though the applicant will retain ownership of the parcel (Exhibit F).

### **3. Compliance with the local building regulations.**

The California Building Code (CBC) establishes building regulations based upon the type of construction, the use of a building or structure and a building's proximity to other buildings and property lines. The proposed LLA will not prevent existing and future structures from complying with the local building code regulations and the required building setbacks from the property lines.

### **4. Provisions for relocation of existing infrastructure or easements.**

The project has been reviewed by various departments and divisions within the City of Roseville, and conditions have been recommended to ensure that any relocations of easements or infrastructure are accommodated.

## **PUBLIC OUTREACH**

On February 20, 2023, the applicant held a neighborhood meeting at St. John's Episcopal Church, approximately 1.3 miles from the project site. The project is in a developing area that does not yet have similar meeting spaces in the immediate vicinity. The applicant team and City staff were present at the meeting, which was held in an open house format from 6pm-7:30pm. Four residents attended the meeting. Three of the attendees represented two households located along Fandango Lp. north of the project site. These residents had concerns about dust created from construction activities and questions about project phasing. Staff followed up with one of these residents with a phone call after the meeting and sent them additional information. The fourth attendee was also a resident of Fandango Lp. and asked questions about the project.

## **ENVIRONMENTAL DETERMINATION**

Consistent with CEQA Guidelines Section 15164, regarding a previously certified and adopted Environmental Impact Report (EIR), an Addendum to the Sierra Vista Specific Plan EIR (SCH #2008032115, certified May 5, 2010) has been prepared to cover the minor technical changes and additions necessary to describe the impacts of the proposed project. The Addendum did not identify any new environmental impacts from the project.

## **RECOMMENDATION**

The Planning Division recommends the Planning Commission take the following actions:

1. Consider the **Addendum to the Sierra Vista Specific Plan EIR**; and
2. Recommend the City Council approve the **Development Agreement Amendment**; and
3. Adopt the two (2) findings of fact and approve the **MAJOR PROJECT PERMIT STAGE 1 – 6000 BASELINE ROAD – SVSP PCL KT-41A & KT-41B – ERICKSON SENIOR LIVING – FILE #PL22-0207** subject to ninety-two (92) conditions of approval; and
4. Adopt the two (2) findings of fact and approve the **MAJOR PROJECT PERMIT STAGE 2 – 6000 BASELINE ROAD – SVSP PCL KT-41A & KT-41B – ERICKSON SENIOR LIVING – FILE #PL22-0207** subject to ninety-two (92) conditions of approval; and
5. Approve the **LOT LINE ADJUSTMENT – 6000 BASELINE ROAD – SVSP PCL KT-41A & KT-41B – ERICKSON SENIOR LIVING – FILE #PL22-0207** subject to nine (9) conditions of approval.

**CONDITIONS OF APPROVAL FOR THE MAJOR PROJECT PERMIT STAGE 1 AND STAGE 2 – FILE #PL22-0207**

1. This Major Project Permit approval shall be effectuated within a period of two (2) years from **July 13, 2023** and if not effectuated shall expire on **July 13, 2025**. Prior to said expiration date, the applicant may apply for an extension of time, provided this approval does not extend the expiration beyond **July 13, 2026**. (Planning)
2. The project is approved as shown in **Exhibits C-E** and as conditioned or modified below. (Planning)
3. The project shall comply with all required environmental mitigation identified in the Sierra Vista Specific Plan EIR, and shall include all applicable mitigation measures as notes on the grading plans. (All Departments)
4. The project shall be addressed as 6000 Baseline Rd. Refer to the City of Roseville Addressing Guidelines. (Business Services)
5. The applicant shall pay City's actual costs for providing plan check, mapping, GIS, and inspection services. This may be a combination of staff costs and direct billing for contract professional services. Project billing may occur up to two (2) months after the end of warranty or the Notice of Termination date for the SWPPP, whichever occurs later. (Engineering, Environmental Utilities, Electric, Finance)
6. The design and construction of all improvements shall conform to the Design and Construction Standards of the City of Roseville, or as modified by these conditions of approval, or as directed by the City Engineer. (Engineering)
7. The applicant shall not commence with any on-site improvements or improvements within the right-of-way until such time as grading and/or improvement plans have been submitted for review and are approved with grading and/or encroachment permits issued by the Department of Development Services – Engineering Division. (Engineering)
8. The approval of this project does not constitute approval of proposed improvements as to size, design, materials, or location, unless specifically addressed in these conditions of approval. The Developer shall submit civil drawings to the Department of Development Services – Engineering Division for review and approval. (Engineering)

**PRIOR TO ISSUANCE OF BUILDING PERMITS:**

9. Parking lot design shall conform to the City's design standards, including the following minimum standards for parking stalls:
  - a. All parking stalls shall be double-striped. Parking stalls adjacent to sidewalks, landscaped areas or light fixtures, and all Accessible stalls shall abut a 6-inch raised curb or concrete bumper. (Planning)
  - b. Standard – 9 feet x 18 feet; Compact – 9 feet x 16 feet; Accessible – 14 feet x 18 feet (a 9-foot-wide parking area plus a 5-foot-wide loading area) and a minimum of one (1) parking space shall be Accessible van accessible – 17 feet x 18 feet (9-foot-wide parking area plus an 8-foot-wide loading area). (Planning)
  - c. An 'exterior routes of travel' site accessibility plan incorporating slope, cross-slope, width, pedestrian ramps, curb ramps, handrails, signage, detectable warnings or speed limit signs or equivalent means shall comprise part of the site improvement plans submitted to City for review, prior to building plan check approvals. This site accessibility plan shall also include:



- i. Accessible parking stalls shall be dispersed and located closest to accessible entrances. The total number of accessible parking spaces shall be established by Table 11B-208.2 of the CBC.
  - ii. Accessible Parking spaces and crosswalks shall be signed, marked and maintained as required by Chapter 11 of the CBC.
  - iii. Accessible parking and exterior route of travel shall comply with CBC, Sections 11B-206 and 11B-208. (Building)
10. Signs and/or striping shall be provided on-site as required by the Planning Department to control on-site traffic movements. Parking lot striping and signage shall be maintained in a visible and legible manner. (Planning)
11. The plans submitted to the Building Division for permits shall indicate all approved revisions/alterations as approved by the Commission including all conditions of approval. (Planning)
12. The project Landscape Plans shall comply with the following:
  - a. The Landscape Plan shall indicate the location of, and be designed to avoid conflicts with, all pole-mounted light fixtures and utility equipment including (but not limited to) electric transformers, switchgear, and overhead lines; backflow preventers; fire department connections; and public water, sewer, and storm drain facilities. (Planning, Fire, Environmental Utilities, Electric, Engineering)
  - b. The tree plantings in the parking lot shall be designed to provide a minimum of 50% shade coverage after 15 years. (Planning)
  - c. At a minimum, landscaped areas not covered with live material shall be covered with a rock, (3") bark (no shredded bark) or (3") mulch covering. (Planning)
  - d. The landscape plan shall comply with the Landscape Guidelines for the Sierra Vista Specific Plan and the City of Roseville Water Efficient Landscape Ordinance. (Planning, Environmental Utilities)
  - e. Landscaping adjacent to preserve areas shall consist of California native, drought-tolerant groundcover, shrubs, plants, and trees. (Open Space, Planning)
  - f. All landscaping in areas containing electrical service equipment shall conform to the Electric Department's Landscape Requirements and Work Clearances as outlined in Section 10.00 of the Departments "Specification for Commercial Construction." (Electric)
  - g. Slopes within landscape planters shall be no more than 3:1. A two-foot flat bench located at back-of-walk shall be included in the landscape area to slow or allow absorption of nuisance run-off from the planters. (Parks, Recreation, and Libraries)
  - h. All landscaping shall conform to the standards of crime prevention through environmental design with the intent to create natural surveillance, controlling access, and territorial reinforcement to property boundaries. (Police)
13. Any roof-mounted equipment and satellite dishes proposed shall be shown on the building plans. The equipment shall be fully screened from public streets and the surrounding properties. (Planning)
14. At the time of building permit application and plan submittal, the project applicant shall submit a proposed plan which shows the proposed addressing for the building and dwelling unit numbers. The

Building Official, or the designee, shall approve said plan prior to building permit approval. Refer to the *City of Roseville Addressing Guidelines*. (Building)

15. At the time of building permit application and plan submittal, the project applicant shall submit a proposed plan which shows the proposed suite addressing for individual tenant spaces within the building. The Building Official, or the designee, shall approve said plan prior to building permit approval. Refer to the *City of Roseville Addressing Guidelines*. (Building)
16. A separate Architectural Site Accessibility Plan which details the project's site accessibility information as required by California Title 24, Part 2 shall be submitted as part of the project Building Permit Plans. (Building)
17. As part of the required Architectural Site Accessibility Plan, the developer shall delineate the extent of the site accessibility improvements being installed as part of the initial improvements for the project, and those that are planned to be developed as part of subsequent phases (i.e. around future pad buildings). (Building)
18. Building permit plans shall comply with all applicable code requirements (California Building Code – CBC – based on the International Building Code, California Green Building Standards Code–CGBSC, California Mechanical Code – CMC – based on the Uniform Mechanical Code, California Plumbing Code – CPC – based on the Uniform Plumbing Code, California Fire Code – CFC – based on the International Fire Code – with City of Roseville Amendments – RFC, California Electrical Code – CEC – based on the National Electrical Code, and California Energy Standards – CEC T-24 Part 6), California Title 24 and the American with Disabilities Act - ADA requirements, and all State and Federally mandated requirements in effect at the time of submittal for building permits (contact the Building Division for applicable Code editions). (Building)
19. For public restaurants, other food services, or commercial swimming pools: The developer shall obtain all required approvals and permits from the Placer County Environmental Health Department and the City of Roseville Industrial Waste Division. (Building, Environmental Utilities)
20. Maintenance of copy of building plans: Health and Safety Code section 19850 requires the building department of every city or county to maintain an official copy of the building plans for the life of the building. As such, each individual building shall be submitted as a separate submittal package. Building plan review, permit issuance and archiving is based on each individual building address. (Building)
21. For all work to be performed off-site, permission to enter and construct shall be obtained from the property owner, in the form of a notarized right-of-entry. Said notarized right-of-entry shall be provided to Development Services – Engineering Division prior to approval of any plans. (Engineering)
22. The Improvement Plans shall include a complete set of Landscape Plans. The Landscape Plans shall be approved with the Improvement Plans. (Planning, Engineering, Fire, Environmental Utilities, Electric)
23. A note shall be added to the grading plans that states:  
  
*“Prior to the commencement of grading operations, the contractor shall identify the site where the **excess/borrow** earthen material shall be imported/deposited. If the **borrow/deposit** site is within the City of Roseville, the contractor shall produce a report issued by a geotechnical engineer to verify that the exported materials are suitable for the intended fill, and shall show proof of all approved grading plans. Haul routes to be used shall be specified.”* (Engineering)
24. A standard bus shelter pad and bus pull-out shall be installed on-site on:

- a. Northbound Santucci Boulevard, between Baseline Road and Sierra Village Drive. (Engineering)
25. Developer shall be responsible for the installation of a bus shelter and related improvements conforming to the city's current standards on the shelter pads as conditioned above. Upon installation and final inspection by the City of Roseville, the bus shelter and related improvements shall become the property of the City of Roseville. The Developer and City may enter into a construction fee agreement or other agreement based upon a construction cost of \$10,000 per shelter for future construction of the Bus Shelters along northbound Santucci Boulevard, between Baseline Road and Sierra Village Drive (Shelter #335). (Engineering, Alternative Transportation)
26. The developer shall include a 50-space park-and-ride lot on Parcel KT-41A per the Specific Plan requirements and in proximity to the intersection of Santucci Boulevard and Sierra Village Drive. The park-and-ride lot shall include: accessible parking as required by the building code; a path of travel from the accessible parking to the transit shelter on Santucci Boulevard; signs identifying the park-and-ride spaces and their availability to the public. The landowner shall be responsible for maintenance of the park-and-ride lot and all its appurtenances. (Engineering, Alternative Transportation)
27. The applicant shall complete the backbone improvements per the Sierra Vista Specific Plan. The backbone improvements shall be completed as part of the Phase 1 onsite improvements per the MPP Stage 1 Phasing Plan included in this entitlement. The backbone improvements include the completion of the traffic signals, right-turn deceleration lanes, bus turnout and driveways. The applicant shall also provide 8' wide detached sidewalk for Baseline Road, Santucci Boulevard and Westbrook Boulevard and 5' wide detached sidewalk with 5' landscape on Sierra Village Drive. Construction of the Marketing Center will precede the Stage 1 improvements. Improvements required for the Marketing Center shall be constructed to the satisfaction of Engineering. (Engineering)
28. All proposed driveways shall be Type A-7 per City standard with a 35' minimum width. The gated driveways off Baseline Road and Sierra Village Drive shall provide a turnaround per City standard detail or as approved by the City Engineer. (Engineering)
29. The landowner shall be responsible for the construction cost to complete the traffic signals located at the intersections of Santucci Blvd/ Sierra Village Drive and Westbrook Boulevard/Sierra Village Drive. This will include the mast arms and signal lights. The developer shall receive fee credits for the completion of the traffic signals as part of the City's TMF Set-Aside Fund. (Engineering)
30. The applicant shall be responsible for a driveway and intersection for a new private traffic signal located off Baseline Road as shown on Exhibit "K" per the Development Agreement. This will include the construction of the conduit, loops, poles, mast arms and controller cabinet. In addition, a westbound right-turn deceleration lane per City standard will also be required. (Engineering)
31. The applicant shall provide a Type S driveway for the access from Westbrook Boulevard. This access is restricted to emergency vehicles and egressing residents only.
32. The applicant shall provide a northbound 150' right-turn deceleration lane per City standard for the proposed driveway on Santucci Boulevard. (Engineering)
33. The applicant shall extend the westbound left turn lane 100-feet east at the intersection of Baseline Road/Santucci Boulevard and remove the bay taper striping to open up the adjacent two-way left turn lane. See the Kimley-Horn traffic evaluation dated March 13<sup>th</sup>, 2023 for reference. (Engineering)
34. The applicant shall dedicate all necessary rights-of-way or Public Utility Easement for the widening of any streets or transfer of public utilities across and over any portion of the property as required with this entitlement. A separate document shall be drafted for approval and acceptance by the City of Roseville, and recorded at the County Recorder's Office. (Engineering)

35. Bike parking and clean air vehicle spaces shall be provided per the California Green Building Standards. Bike rack/locker design and location shall be approved by Alternative Transportation. (Alternative Transportation, Building).
36. All storm drainage, including roof drains, shall be collected on site and treated with Best Management Practices (BMP's) per the City's Stormwater Quality Design Manual. All storm water shall be routed to the nearest existing storm drain system or natural drainage facility. Drain outfalls shall extend down to the receiving water and shall be constructed with adequate velocity attenuation devices. The grading/improvement plans for the site shall be accompanied with a shed map that defines that area tributary to this site and all drainage facilities shall be designed to accommodate the tributary flow. The storm drain system and proposed BMP's shall be privately owned and maintained by the property owner. Prior to the issuance of any permits, the owner shall provide a plan for the maintenance of the proposed BMP's. (Engineering)
37. Prior to the approval of the Improvement Plans, the project proponent shall provide proof of preparation and submittal of a Storm Water Pollution Prevention Plan (SWPPP) to the Regional Water Quality Control Board (RWQCB). Proof shall be in the form of the Waste Discharge Identification Number (WDID#), provided to the applicant from RWQCB, placed on the coversheet of the improvement plans. Upon approval of the improvement plans, a copy of the SWPPP shall be required onsite and available for viewing by City inspection staff upon request. (Engineering)
38. The developer shall be responsible for any necessary relocation of signal interconnect cables that may require re-location as a result of the construction of turn lanes and/or driveways. (Engineering)
39. To ensure that the design for any necessary widening, construction, or modifications of Public Streets does not conflict with existing dry utilities generally located behind the curb and gutter, and prior to permit approval for those frontage improvements, the project proponent shall have the existing dry utilities pot holed for verification of location and depth. (Engineering)
40. Sight distances for all driveways shall be clearly shown on the improvement plans to verify that minimum standards are achieved. It will be the responsibility of the project proponent to provide appropriate landscaping and improvement plans, and to relocate and/or modify existing facilities as needed to meet these design objectives. (Engineering)
41. The applicant shall remove and reconstruct any existing damaged curb, gutter, and sidewalk along the property frontage. During plan check of the improvement plans and/or during inspection, Development Services – Engineering Division will designate the exact areas to be reconstructed. Any existing public facilities damaged during the course of construction shall be repaired by the property owner and at the property owner's expense, to the satisfaction of the City. (Engineering)
42. Improvement plans shall show the Preserve (Parcel KT-81) boundary and label it as a protected area. The Pre-Construction meeting shall address the presence of the Preserve, the sensitive habitats present and minimization of disturbance to the Preserve. During grading and construction the preserve area shall be avoided and shall not be used for parking, storage, or project staging. The contractor shall remove all trash blown into the preserve from adjacent construction on a daily basis. After construction is complete, the temporary fencing shall be removed from the preserve, along with all temporary erosion control measures (e.g., straw bales, straw waddles and stakes, silt fencing). (Engineering, Development Services Department, Planning)
43. Prior to construction within any phases of the project adjacent to the Preserve (Parcel KT-81), high visibility temporary construction fencing shall be installed along the parcel adjacent to the Preserve. Fencing shall be maintained daily until permanent fencing is installed, at which time the temporary fencing shall be removed from the project site. (Engineering, Development Services Department, Planning)

44. With the exception of access required for maintenance and/or emergency vehicles, the project shall be designed to prevent vehicle access into the Preserve (Parcel KT-81). Post and cable fencing or other improvements shall be utilized to meet this requirement. (Engineering, Development Services Department, Planning)
45. Prior to the approval of the improvement plans, it will be the project proponent's responsibility to pay the standard City Trench Cut Recovery Fee for any cuts within the City streets that are required for the installation of underground utilities. (Engineering)
46. Prior to the issuance of building permits, the property owner shall pay into the following fee programs: Citywide Drainage Fee, Citywide Traffic Mitigation Fee (TMF), Highway 65 Joint Partners Association (JPA), South Placer Regional Transportation Authority (SPRTA), and City/County Fee. (Engineering)
47. The applicant/developer shall prepare a Transportation Systems Management (TSM) Plan for Erickson Senior Living. TSM Plans may be submitted online at: [www.roseville.ca.us/tsm](http://www.roseville.ca.us/tsm). The TSM shall be reviewed and approved by the City Manager. (Alternative Transportation)
48. Prior to the issuance of a grading permit or approval of Improvement Plans, the grading plans shall clearly identify all existing water, sewer and recycled water utilities within the boundaries of the project (including adjoining public right of way). Existing utilities shall be identified in plan-view and in profile-view where grading activities will modify existing site elevations over top of or within 15 feet of the utility. Any utilities that could potentially be impacted by the project shall be clearly identified along with the proposed protection measures. The developer shall be responsible for taking measures and incurring costs associated with protecting the existing water, sewer and recycled water utilities to the satisfaction of the Environmental Utilities Director. (Environmental Utilities)
49. The applicant shall pay all applicable water and sewer fees. (Environmental Utilities)
50. Water and sewer infrastructure shall be designed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards and shall include:
  - a. Utilities or permanent structures shall not be located within the area which would be disturbed by an open trench needed to expose sewer trunk mains deeper than 12 feet unless approved by Environmental Utilities in these conditions. The area needed to construct the trench is a sloped cone above the sewer main. The cone shall have 1:1 side slopes.
  - b. Water, sewer and recycled mains shall not exceed a depth of 12 feet below finished grade, unless authorized in these conditions of approval.
  - c. All sewer manholes shall have all-weather, 10-ton vehicle access unless otherwise authorized by these conditions of approval. (Environmental Utilities)
51. Recycled water infrastructure shall be designed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards. The applicant shall pay all applicable recycled water fees. Easements shall be provided as necessary for recycled water infrastructure. (Environmental Utilities)
52. Trash enclosures, recycling areas, and enclosure approaches shall be designed to current Refuse Division specifications, the materials and colors shall match the building, and the location of such facilities shall be reviewed and approved by the Refuse Division, Planning and the Fire Department. The enclosure must have inside dimensions of 12 feet wide and 9 feet deep and be built to the specifications of the Solid Waste Department's Enclosure Description. (Refuse, Planning, Fire)
53. Access to trash enclosures/ refuse pick up locations shall have an inside turning radius of 25 feet and an outside turning radius of 45 feet must be maintained to allow the refuse truck access to and from

the enclosure/pick-up locations. Enclosures /refuse pick-up locations must have a clear approach of 65 feet in front of the enclosure/pick-up location to allow servicing bins. (Refuse)

54. The project shall provide refuse collection and pick-up at dedicated locations for trash, organics, and recycling to the satisfaction of Refuse/Environmental Utilities. It will be the customers responsibility to set the bins out prior to 6am on the service day. (Refuse)
55. The design and installation of all fire protection equipment shall conform to the California Fire Code and the amendments adopted by the City of Roseville, along with all standards and policies implemented by the Roseville Fire Department. (Fire)
56. The applicable codes and standards adopted by the City shall be enforced at the time construction plans have been submitted to the City for permitting. (Fire)
57. The Electric Department requires the submittal of the following information in order to complete the final electric design for the project:
  - a. one (1) set of improvement plans
  - b. load calculations
  - c. electrical panel one-line drawings
58. All on-site external lighting shall be installed and directed to have no off-site glare. Lighting within the parking areas and pedestrian walkways shall provide a maintained minimum of one (1) foot-candle, and 0.5 foot-candle of light, respectively. All exterior light fixtures shall be vandal resistant. (Planning, Police)
59. The parking lot shall have properly posted signs that state the use of the parking area is for the exclusive use of employees and customers of this project. (See California Vehicle Code Sections 22507.8, 22511.5, 22511.8, 22658(a), and the City of Roseville Municipal Code Section 11.20.110). The location of the signs shall be shown on the approved site plan. (Planning, Police)
60. It is the developer's responsibility to notify PG&E of any work required on PG&E facilities. (PG&E)

**DURING CONSTRUCTION & PRIOR TO ISSUANCE OF OCCUPANCY PERMITS:**

61. Any backflow preventers visible from the street shall be painted green to blend in with the surrounding landscaping. The backflow preventers shall be screened with landscaping and shall comply with the following criteria:
  - a. There shall be a minimum clearance of four feet (4'), on all sides, from the backflow preventer to the landscaping.
  - b. For maintenance purposes, the landscaping shall only be installed on three sides and the plant material shall not have thorns.
  - c. The control valves and the water meter shall be physically unobstructed.
  - d. The backflow preventer shall be covered with a green cover that will provide insulation. (Planning, Environmental Utilities)
62. The following easements shall be provided by separate instrument and shown on the site plan, unless otherwise provided for in these conditions:

- a. Additional internal easements will be required to cover primary electrical facilities to the project when the final electrical design is completed. (Electric)
  - b. Bus Shelter easements for Shelter #335. (Alternative Transportation)
63. Easement widths shall comply with the City's Improvement Standards and Construction Standards. Separate document easements required by the City shall be prepared in accordance with the City's "Policy for Dedication of Easements to the City of Roseville". All legal descriptions shall be prepared by a licensed land Surveyor. All existing public utility, electric, water, sewer and reclaimed water easements shall be maintained unless otherwise authorized by these conditions of approval. (Engineering, Environmental Utilities, Electric)
64. Inspection of the potable water supply system on new commercial/industrial/office projects shall be as follows:
- a. The Environmental Utilities Inspector will inspect all potable water supply up to the downstream side of the backflow preventer.
  - b. The property owner/applicant shall be responsible for that portion of the water supply system from the backflow preventer to the building. The builder/contractor shall engage a qualified inspector to approve the installation of this portion of the water supply. The Building Division will require from the builder/contractor, a written document certifying that this portion of the potable water supply has been installed per improvement plans and in accordance with the Uniform Plumbing Code. This certificate of compliance shall be submitted to the Building Division before a temporary occupancy or a building final is approved.
  - c. The building inspectors will exclusively inspect all potable water supply systems for the building from the shutoff valve at the building and downstream within the building. (Building, Environmental Utilities)
65. All improvements being constructed in accordance with the approved grading and improvement plans shall be accepted as complete by the City. (Engineering)
66. The words "traffic control appurtenances" shall be included in the list of utilities allowed in public utilities easements (PUE's) located along public roadways. (Engineering)
67. Water, sewer and reclaimed water shall be constructed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards. (Environmental Utilities)
68. All water backflow devices shall be tested and approved by the Environmental Utilities Department. (Environmental Utilities)
69. **Restaurants or other Food Service Establishment (FSE).** The applicant shall design for installation and/or install an exterior grease interceptor if the proposed business could potentially discharge substances containing fats, oils and grease (FOG) into the sewer system. The grease interceptor shall be adequate to separate and remove FOG contained in the wastewater from FSE's prior to discharge to the public sewer. (Environmental Utilities)
70. In the event an exterior grease interceptor cannot be installed due to space limitation, the developer shall install a grease trap, per City Standards, that will mechanically separate the FOG contained in the wastewater from the FSE prior to discharge to the public sewer. (Environmental Utilities)
71. Pursuant to the Municipal Code, the applicant shall apply for and obtain a FOG waste discharge permit (FOG WDP) from the Environmental Utilities Industrial Waste Division prior to occupancy or prior to discharging waste to the public sewer. The applicant shall submit information required by the

Environmental Utilities Department for evaluation, including but not limited to: site plans, floor plans, mechanical and plumbing plans, and details to show all sewers, FOG control device, grease interceptor or other pretreatment equipment and appurtenances by size, location and elevation. Additional information related to the applicant's business operations and potential discharge may be requested to properly evaluate the FOG WDP application. (Environmental Utilities)

72. The joint trench along the north side of Baseline Road between Westbrook Boulevard and Santucci Boulevard shall be installed with the Phase 1 improvements. (Electric)
73. The electric service provided to the site shall be 277/480V 3-Phase. (Electric)
74. No switchgear greater than 4000 Amps shall be allowed to be installed within the project. (Electric)
75. All Electric Department facilities, including streetlights where applicable, shall be designed and built to the "City of Roseville Specifications for Commercial Construction." (Electric)
76. The City of Roseville Electric Department has electrical construction charges which are to be paid by the developer and which are explained in the City of Roseville "Specification for Commercial Construction." These charges will be determined upon completion of the final electrical design. (Electric)
77. Any relocation, rearrangement, or change of existing electric facilities due to this development shall be at the developer's expense. (Electric)
78. Any facilities proposed for placement within public/electric utility easements shall be subject to review and approval by the Electric Department before any work commences in these areas. This includes, but is not limited to, landscaping, lighting, paving, signs, trees, walls, and structures of any type. (Electric)
79. All electric metering shall be directly outside accessible. This can be accomplished in any of the following ways:
  - a. Locate the metered service panel on the outside of the building.
  - b. Locate the metered service panel in a service room with a door that opens directly to the outside. The developer will be required to provide a key to the door for placement in a lock box to be installed on the outside of the door. Any doors leading from the service room to other areas of the building shall be secured to prohibit unauthorized entry. (Electric)
80. It is the responsibility of the developer to ensure that all existing electric facilities remain free and clear of any obstruction during construction and when the project is complete. (Electric)

#### **OTHER CONDITIONS OF APPROVAL:**

81. Signs shown on the elevations are not approved as part of the Design Review Permit. A Planned Sign Permit Program shall be prepared for the project. A Sign Permit is required for all project signs. (Planning)
82. Following the installation of the landscaping, all landscape material shall be maintained in a healthy and weed-free condition; dead plant material shall be replaced immediately. All trees shall be maintained and pruned in accordance with the accepted practices of the International Society of Arboriculture (ISA). (Planning)
83. The City reserves the right to restrict vehicle turning movements within the public right-of-way in the future if deemed necessary by the City Engineer. (Engineering)



84. The required width of fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. Minimum required widths and vertical clearances established by the Fire Code shall be maintained at all times during construction. Closure of accesses for fire apparatus by gates, barricades and other devices shall be prohibited unless approved by the Fire Chief. (Fire)
85. Temporary aboveground storage tanks may be used at construction sites for diesel fuel only and shall not exceed 1,000 gallon capacity. Tanks shall comply with all provisions found within the Fire Code. A Fire Department Permit shall be obtained prior to tank installation. The permit shall expire after 90 days from the date of issuance, unless extended by the Fire Chief. (Fire)
86. If site survey or earth moving work results in the discovery of hazardous materials in containers or what appears to be hazardous wastes released into the ground, the contractor or person responsible for the building permit must notify the Roseville Fire Department immediately. A representative from the Fire Department will make a determination as to whether the incident is reportable or not and if site remediation is required. (Fire)
87. The location and design of the gas service shall be determined by PG&E. The design of the gas service for this project shall not begin until PG&E has received a full set of City reviewed improvement plans for the project. (PG&E)
88. The project is subject to the noise standards established in the City's Noise Ordinance. In accordance with the City's Noise Ordinance, project construction is exempt between the hours of seven a.m. and seven p.m. Monday through Friday, and between the hours of eight a.m. and eight p.m. Saturday and Sunday, provided that all construction equipment shall be fitted with factory installed muffling devices and be maintained in good working order. (Building)
89. The developer (or designated consultant) shall certify that the building foundation location has been placed according to all approved setback requirements shown on the approved site plan. The developer shall prepare a written statement confirming building placement and provide an original copy to the City Building Division Field Inspector at the time of or prior to the foundation inspection. (Building)
90. Prior to Certificate of Occupancy, the applicant may apply for a Temporary Certificate of Occupancy (TCO) of the building. If a TCO is desired, the applicant must submit a written request to the Building Division a minimum of thirty (30) days prior to the expected temporary occupancy date and shall include a schedule for occupancy and a description of the purpose for the Temporary Certificate of Occupancy. (Building)
91. Concurrent with submittal for plan check and prior to a request for final building inspection, the applicant may request City approval of an occupancy phasing plan to allow individual or multiple building occupancies. This request shall be made in writing to the Building Division and shall include the following:
  - a. A description of measures that will be undertaken to minimize conflict between residents/building occupants and construction traffic (e.g. fencing, etc.);
  - b. A phasing plan showing the proposed buildings, internal roads and access routes, landscaping, trash enclosure locations, and any other improvements planned for each phase; and
  - c. An estimated time frame for each phase and a specific date for the first phase. (Planning, Building)
92. The Major Project Permit shall not be deemed approved until the ordinance for the Development Agreement Amendment is adopted and becomes effective. (Planning)

**CONDITIONS OF APPROVAL FOR THE LOT LINE ADJUSTMENT – FILE #PL22-0207**

1. The Lot Line Adjustment is approved as shown in **Exhibit F**. (Planning, Engineering)
2. The following shall be submitted to Engineering prior to recordation of the Lot Line Adjustment:
  - a) Two copies of property boundary description with exhibit map (8.5" x 11" sheet), and one copy of boundary closure calculations for resulting lots. These items shall be stamped and signed by a California Licensed Land Surveyor or Registered Civil Engineer authorized to practice land surveying.
  - b) One copy of the Conditions of Approval.
  - c) A completed Property Owner Consent Form.
  - d) Deed to convey interest in the property.
  - e) Preliminary title report no older than six months for all properties involved. (Engineering)
3. If surveying monuments are placed as a result of this Property Line Adjustment, it will be the responsibility of the Surveyor to record a Record of Survey with the County Recorder's Office. (Engineering)
4. All existing easements shall be maintained, unless otherwise provided for in these conditions. (Environmental Utilities, Electric, Engineering)
5. The applicant shall submit to the Engineering Division of Public Works a paper copy and an electronic copy of the recorded Lot Line Adjustment per the "Digital Submittal of Cadastral Surveys." (Environmental Utilities)
6. Prior to recordation of the Lot Line Adjustment, the applicant shall pay the City's surveyor's processing and consulting fee of \$150. (Engineering)

**OTHER CONDITIONS IF NEEDED TO RELOCATE FACILITIES AND EASEMENTS**

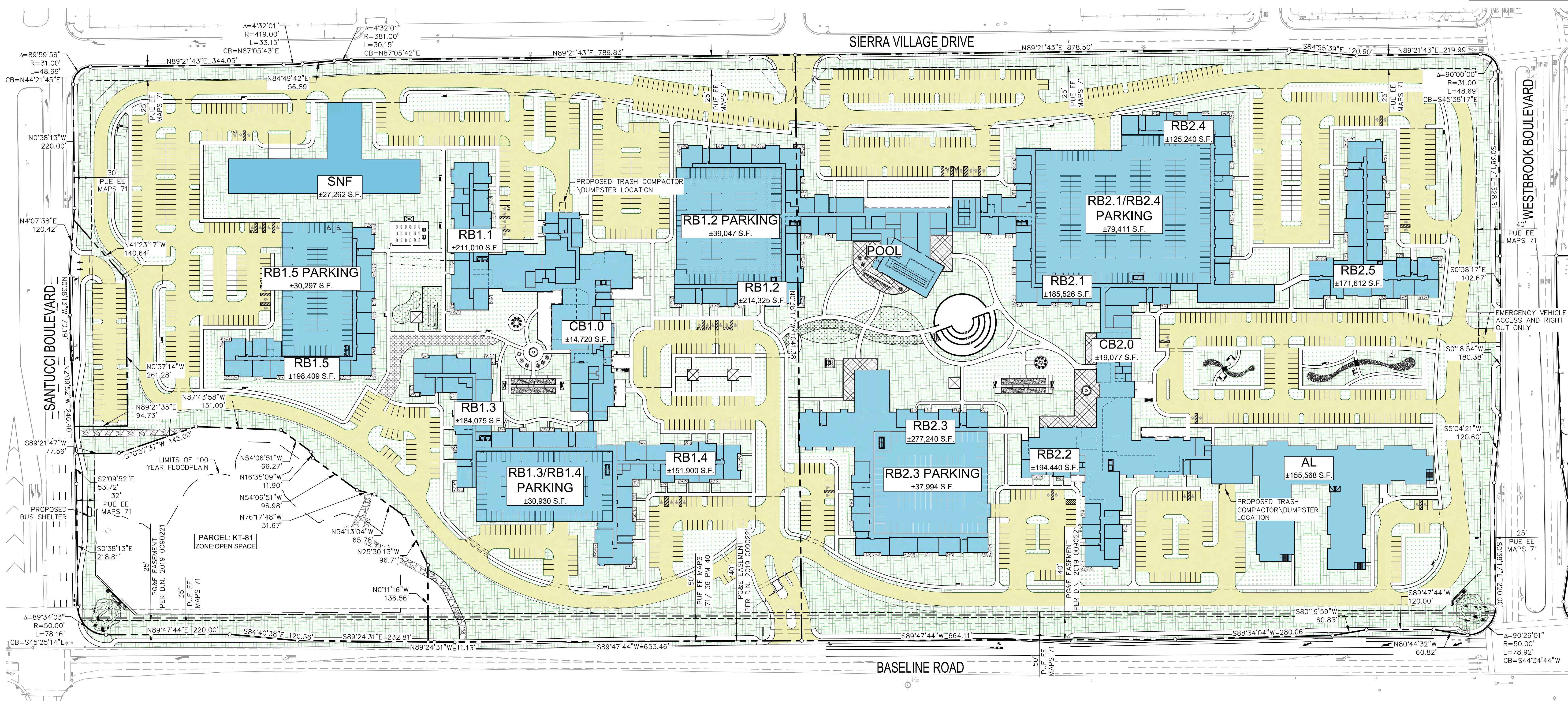
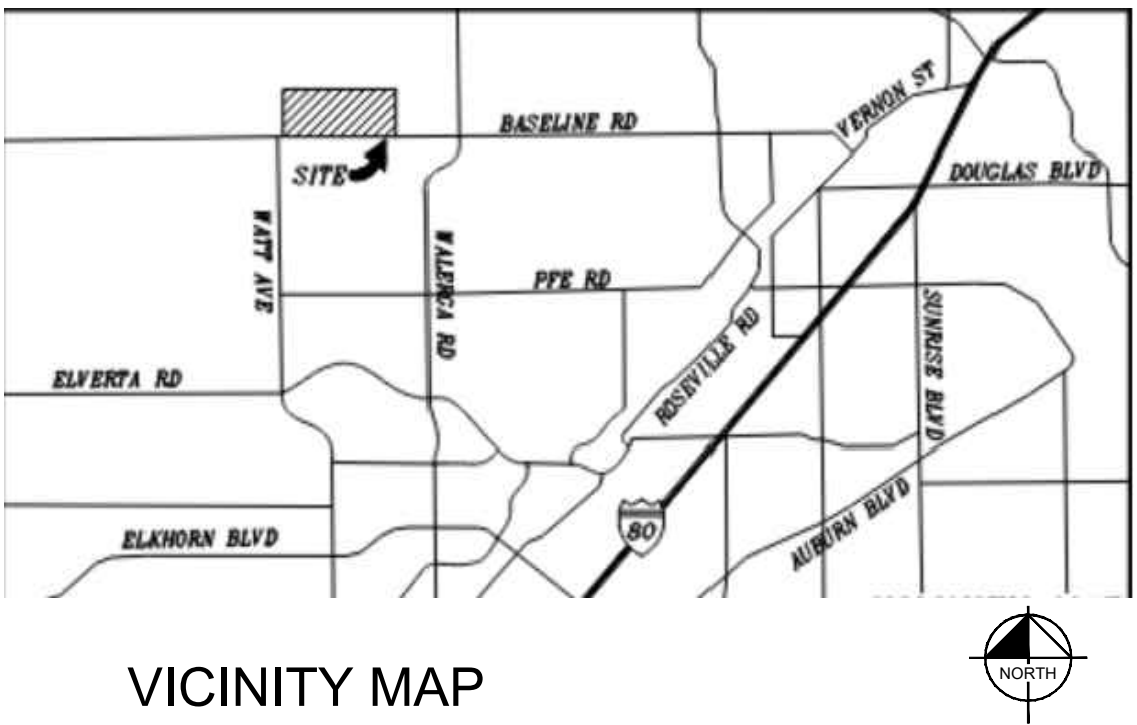
7. Separate document easements required by the City shall be prepared in accordance with the City's "Policy for Dedication of Easements to the City of Roseville". All legal descriptions shall be prepared by a licensed land Surveyor. (Environmental Utilities, Electric, Engineering)
8. Any relocation, rearrangement, or change to existing City facilities due to this Voluntary Merger or Lot Line Adjustment shall be paid for by the applicant. (Engineering, Environmental Utilities, Electric)
9. Any structures crossing the adjusted parcel lines shall be removed prior to recordation of the Lot Line Adjustment documents. (Engineering)

**EXHIBITS**

- A. Addendum to the SVSP EIR
- B. Draft Third Amendment of the Baseline P&R Development Agreement
- C. MPP Stage 1 Plans
- D. MPP Stage 2 Plans
- E. Erickson Senior Living Design Guidelines
- F. Lot Line Adjustment Exhibit

**Note to Applicant and/or Developer:** Please contact Planning Division staff at (916) 774-5276 prior to the Commission meeting if you have any questions on any of the recommended conditions for your project. If you challenge the decision of the Commission in court, you may be limited to raising only those issues which you or someone else raised at the public hearing held for this project, or in written correspondence delivered to the Planning Manager at, or prior to, the public hearing.





LEGEND

- ASPHALT PAVEMENT
- LANDSCAPE AREA
- CONCRETE SIDEWALK
- BUILDING AREA
- AMENDED SOILS AREA

PROJECT SUMMARY

**AREA**  
AREA: 55.56± ACRES  
APN: 499-010-074-000, (LOT 1) (25.88 AC)  
APN: 499-010-075-000, (LOT 2) (29.68 AC)

**SPECIFIC PLAN**  
SIERRA VISTA SPECIFIC PLAN  
PARCELS KT-41A AND KT-41B

**LAND USE DESIGNATION**  
COMMUNITY COMMERCIAL (CC)

**ZONING**  
GENERAL COMMERCIAL (GC)

**PROPOSED USES**  
COMMUNITY CARE FACILITY,  
LONG-TERM CARE FACILITY,  
AND MEDICAL SERVICES

**DEVELOPER**  
ERICKSON SENIOR LIVING, LLC  
701 MAIDEN CHOICE LANE  
BALTIMORE, MD 21228  
ATTN: STEVEN MONTGOMERY  
STEVEN.MONTGOMERY@ERICKSONSENIORLIVING.COM

**PROPERTY OWNER**  
KV SIERRA VISTA, LLC  
7801 FOLSOM BOULEVARD  
SACRAMENTO, CA 95826

**ENGINEER**  
KIMLEY-HORN AND ASSOCIATES  
555 CAPITOL MALL, SUITE 300  
SACRAMENTO, CA 95814  
ATTN: FAREED PITTALWALA  
FAREED.PITTALWALA@KIMLEY-HORN.COM

**ARCHITECT**  
LANITZ-BOGGIO  
5650 DTC PARKWAY, SUITE 200  
ENGLEWOOD, CO 80111  
ATTN: DAVID FIK  
DFIK@LANITZ-BOGGIO.COM

BUILDING SUMMARY

| BUILDING                       | STORIES | SQUARE FEET | PARKING |
|--------------------------------|---------|-------------|---------|
| RB 1.1                         | 5       | 211,010     |         |
| CB 1.0                         | 1       | 14,720      |         |
| RB 1.2                         | 5       | 214,325     |         |
| RB 1.3                         | 6       | 184,075     |         |
| RB 1.4                         | 6       | 151,900     |         |
| RB 1.5                         | 6       | 198,409     |         |
| Skilled Nursing Facility (SNF) | 1       | 27,262      |         |
| RB 2.1                         | 5       | 185,526     |         |
| CB 2.0                         | 1       | 19,077      |         |
| RB 2.2                         | 6       | 194,440     |         |
| RB 2.3                         | 6       | 277,240     |         |
| RB 2.4                         | 5       | 125,240     |         |
| RB 2.5                         | 6       | 171,612     |         |
| Assisted Living (AL)           | 4       | 155,568     |         |
| PARK & RIDE                    |         |             | 50      |
| SITE TOTALS:                   |         | 2,130,404   | 1872    |

DEVELOPMENT SUMMARY

| DEVELOPMENT SUMMARY            |                                  |      |
|--------------------------------|----------------------------------|------|
| APN:                           | 499-010-074-000, 499-010-075-000 |      |
| SITE AREA:                     | ±55.56 ACRES (±2,420,193 SF)     |      |
| EXISTING                       |                                  |      |
| PERVIOUS AREA:                 | 55.56 AC                         | 100% |
| IMPERVIOUS SURFACE (PAVEMENTS) | 0 AC                             | 0%   |
| IMPERVIOUS SURFACE (BUILDINGS) | 0 AC                             | 0%   |
| TOTAL AREA:                    | 55.56 AC                         | 100% |
| PROPOSED                       |                                  |      |
| PERVIOUS AREA (LANDSCAPE)      | 21.39 AC                         | 38%  |
| IMPERVIOUS SURFACE (PAVEMENTS) | 20.21 AC                         | 36%  |
| IMPERVIOUS SURFACE (BUILDINGS) | 13.97 AC                         | 25%  |
| TOTAL AREA:                    | 55.56 AC                         | 100% |





VICINITY MAP

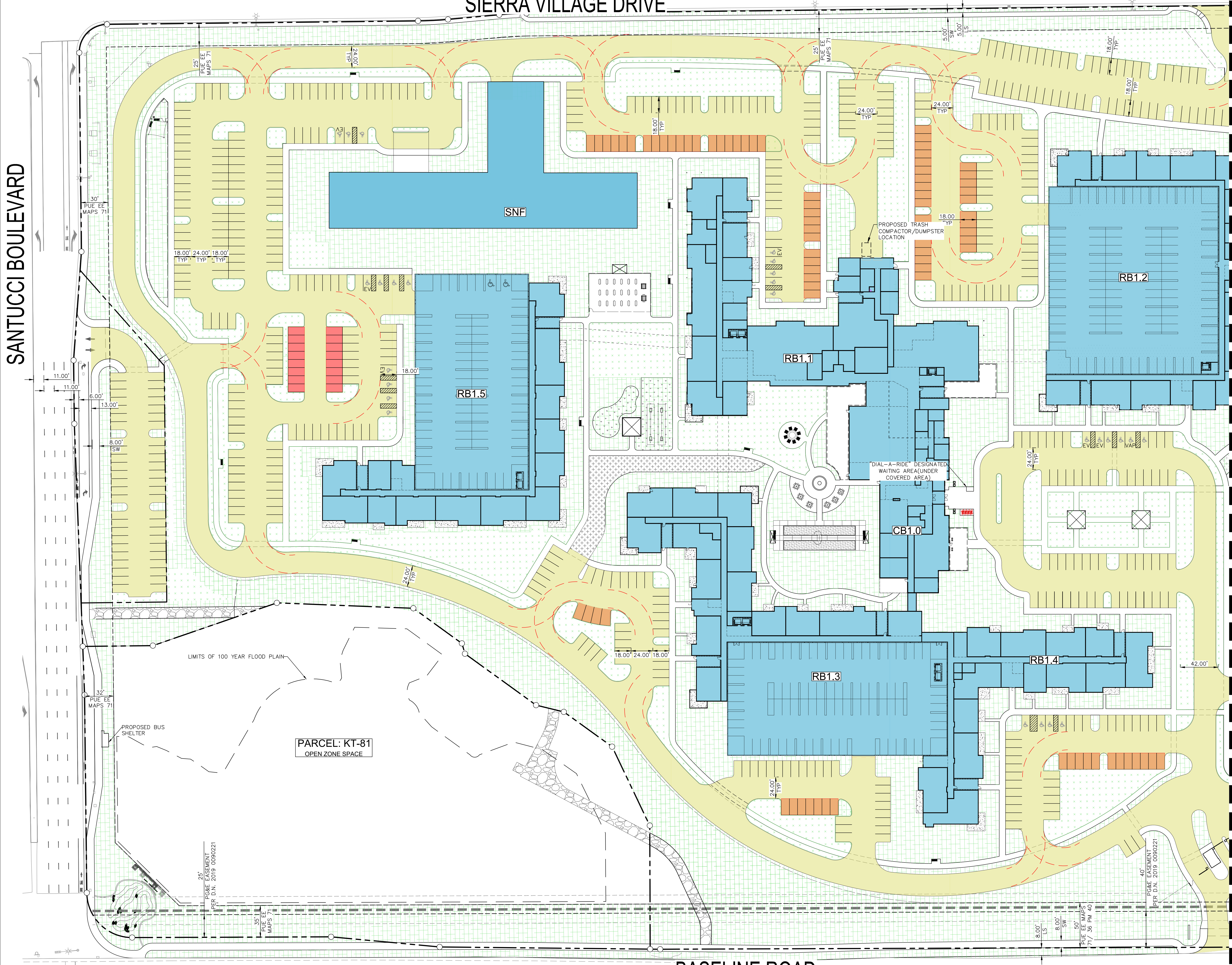
LEGEND

- ASPHALT PAVEMENT
- LANDSCAPE AREA
- CONCRETE SIDEWALK
- BUILDING AREA
- POTENTIAL CARPORT LOCATION
- AMENDED SOILS AREA
- FIRE TRUCK TURN RADII (30' INSIDE, 50' OUTSIDE)

SANTUCCI BOULEVARD

SIERRA VILLAGE DRIVE

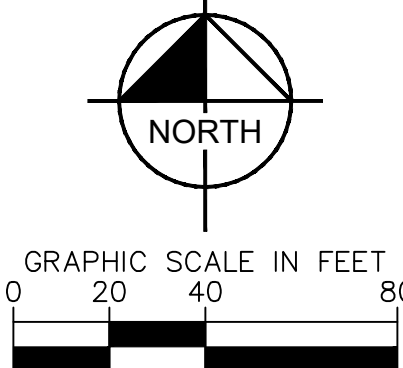
MATCHLINE - SEE NEXT SHEET



BASELINE ROAD

6000 BASELINE ROAD  
ERICKSON SENIOR LIVING ROSEVILLE

MPP STAGE 1: SITE PLAN - WEST



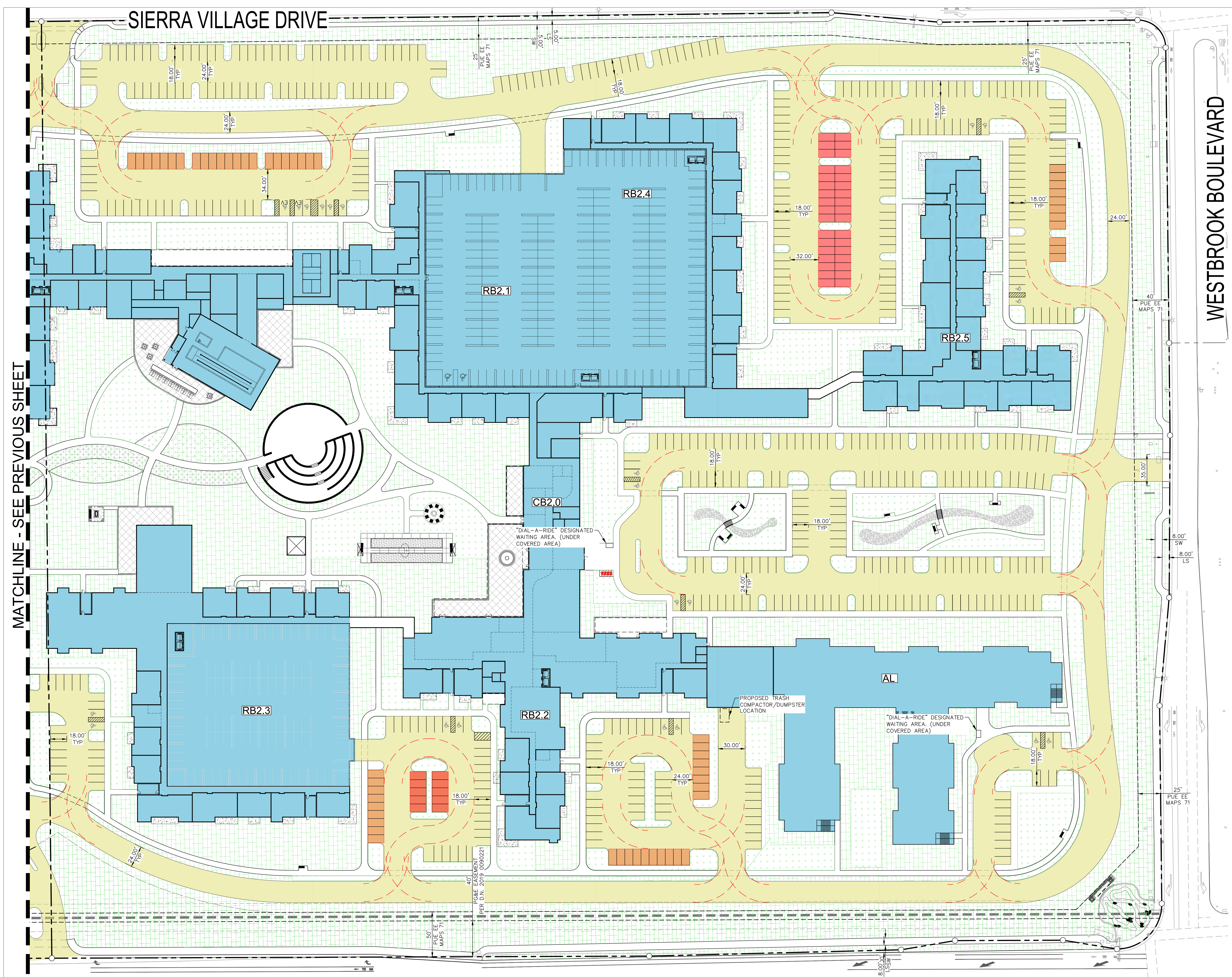




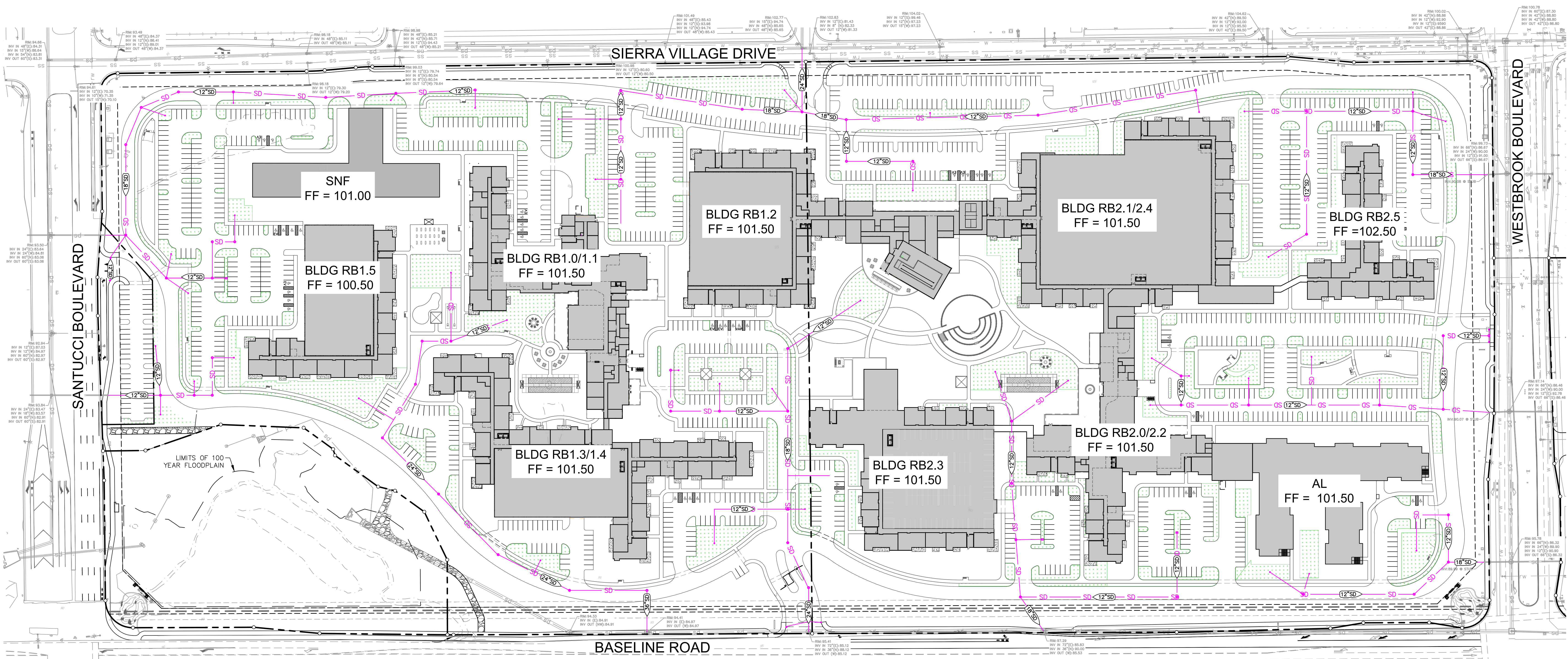
VICINITY MAP

LEGEND

- ASPHALT PAVEMENT
- LANDSCAPE AREA
- CONCRETE SIDEWALK
- BUILDING AREA
- POTENTIAL CARPORT LOCATION
- AMENDED SOILS AREA
- FIRE TRUCK TURN RADII (30' INSIDE, 50' OUTSIDE)







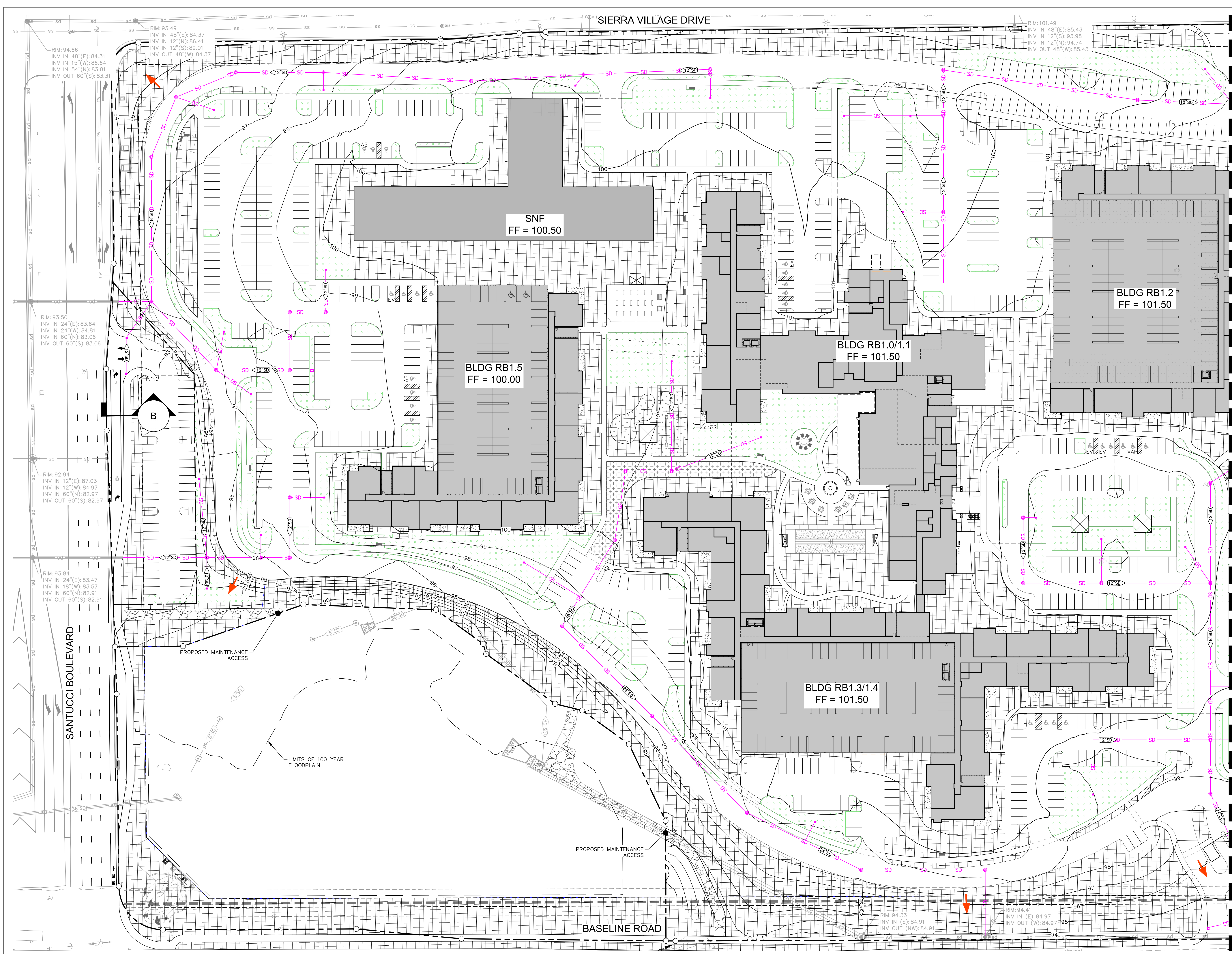
**LEGEND**

- CENTERLINE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- EASEMENT / SETBACK LINE
- APPROXIMATE CIVIL LIMIT OF WORK LINE
- PROPOSED STORM DRAIN PIPE
- EXISTING STORM DRAIN PIPE
- FLOW LINE
- LIMITS OF 100 YEAR FLOOD PLAN
- AMENDED SOILS AREA

**VERTICAL DATUM**

NGVD 29 AS ADJUSTED TO THE COUNTY OF PLACER CITY BENCHMARK 126 (118.03) BEING A 3-1/4" BRASS DISK STAMPED SEPTEMBER 2014, LS-7331 LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF FIDDYMENT ROAD AND WESTLAKE DRIVE ON THE TOP OF CURB AT NORTH CURB RETURN.





**LEGEND**

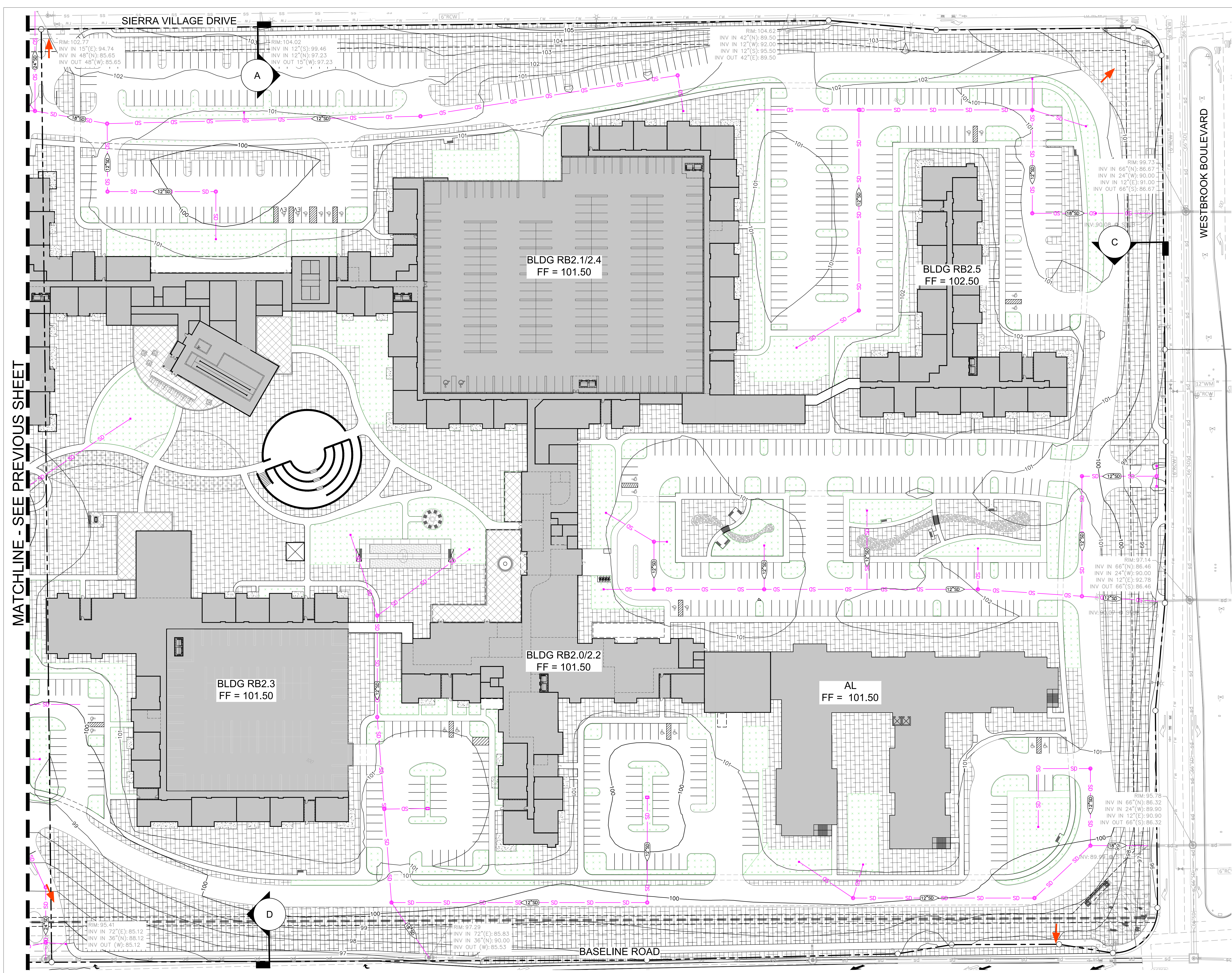
- CENTERLINE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- EASEMENT / SETBACK LINE
- APPROXIMATE CIVIL LIMIT OF WORK LINE
- PROPOSED STORM DRAIN PIPE
- EXISTING STORM DRAIN PIPE
- FLOW LINE
- OVERLAND RELEASE
- AMENDED SOILS AREA

MATCHLINE - SEE NEXT SHEET

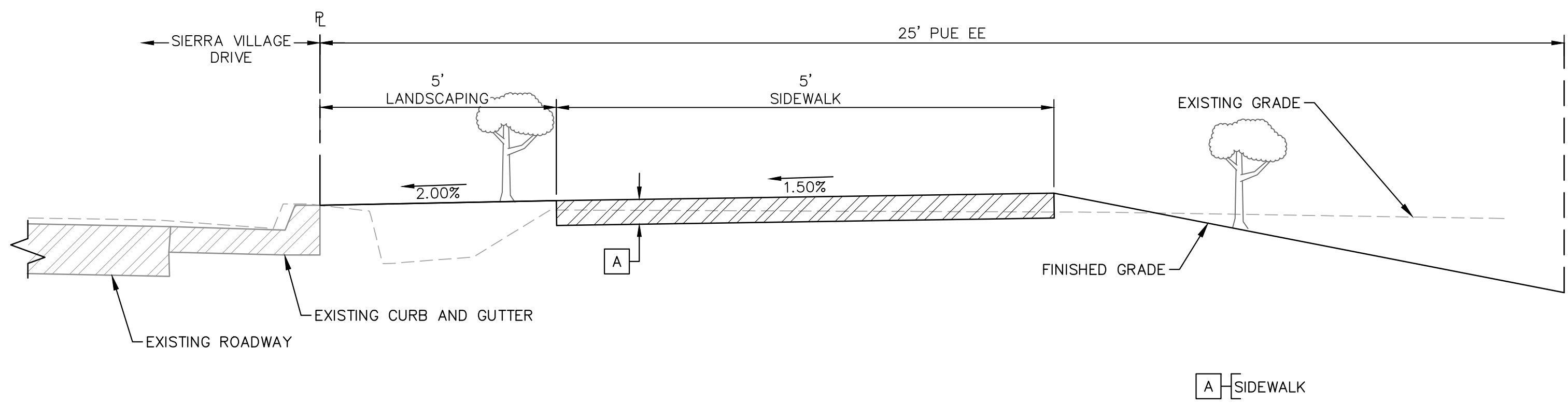


LEGEND

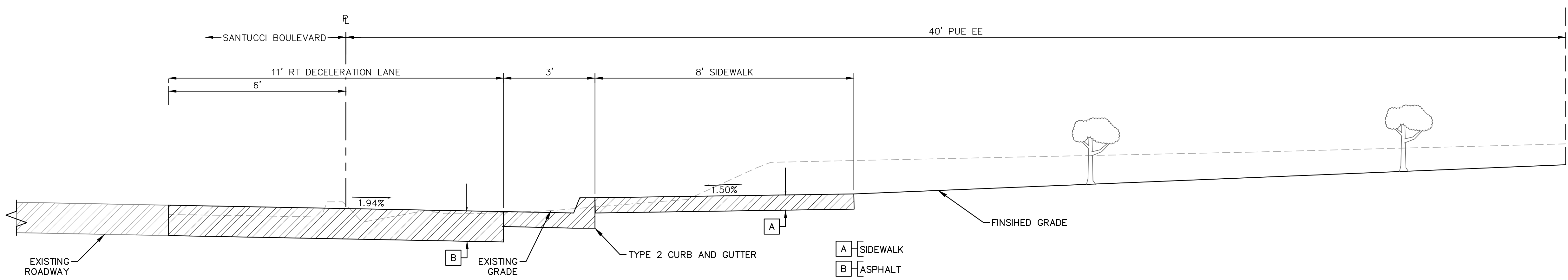
- CENTERLINE
- PROPERTY LINE
- RIGHT-OF-WAY LINE
- EASEMENT / SETBACK LINE
- APPROXIMATE CIVIL LIMIT OF WORK LINE
- PROPOSED STORM DRAIN PIPE
- EXISTING STORM DRAIN PIPE
- FLOW LINE
- OVERLAND RELEASE
- AMENDED SOILS AREA



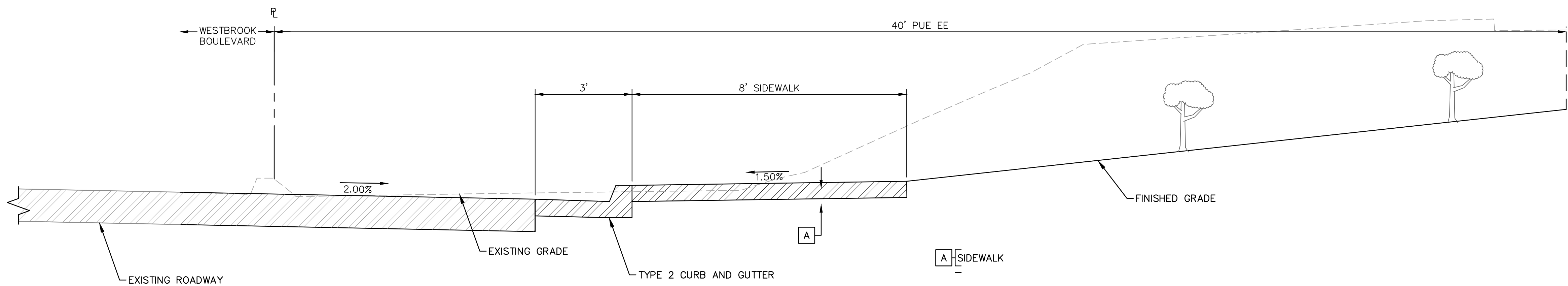




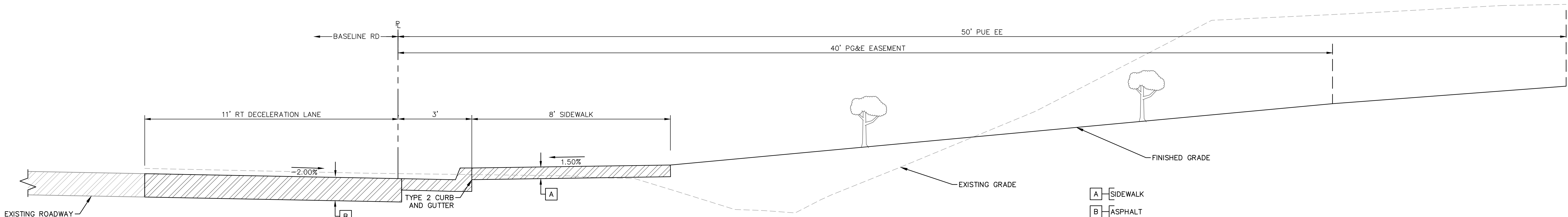
**A** SECTION THRU SIERRA VILLAGE DRIVE  
NTS



**B** SECTION THRU SANTUCCI BOULEVARD  
NTS

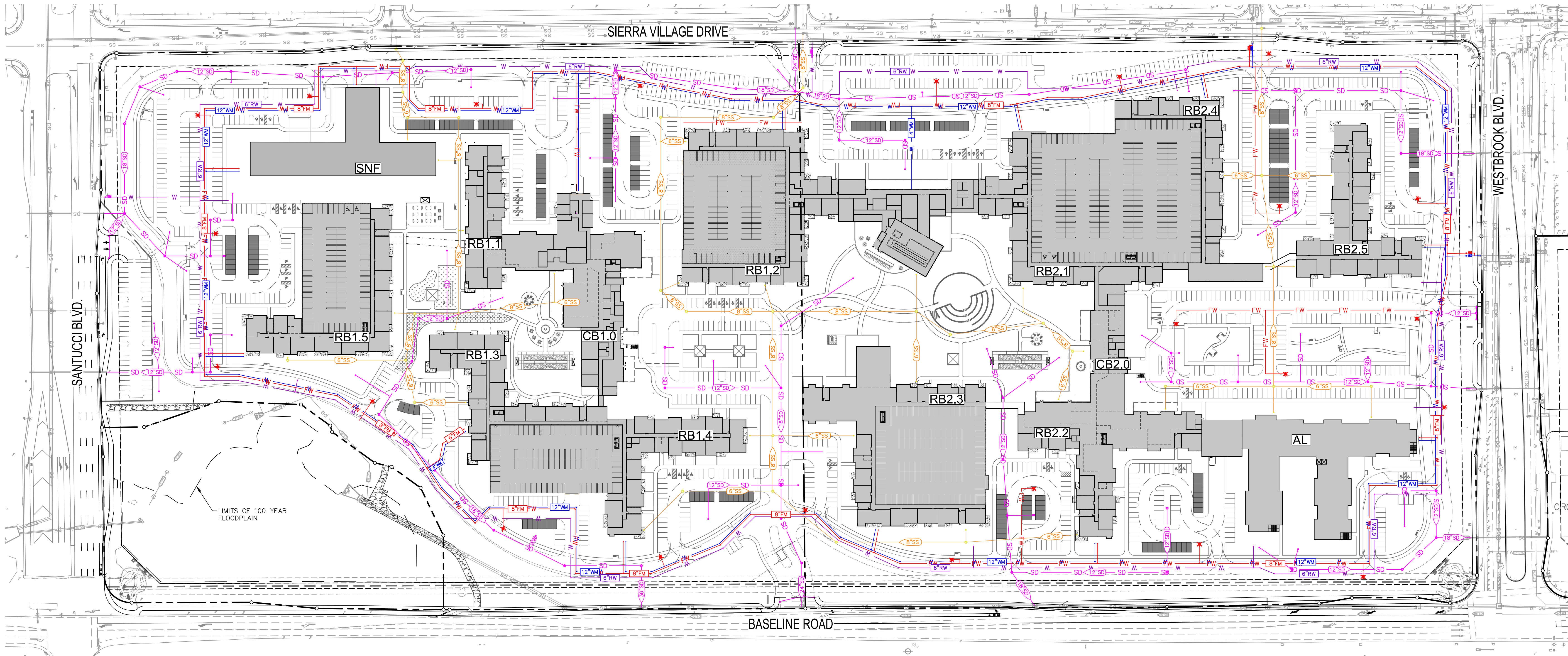


**C** SECTION THRU WESTBROOK BOULEVARD  
NTS



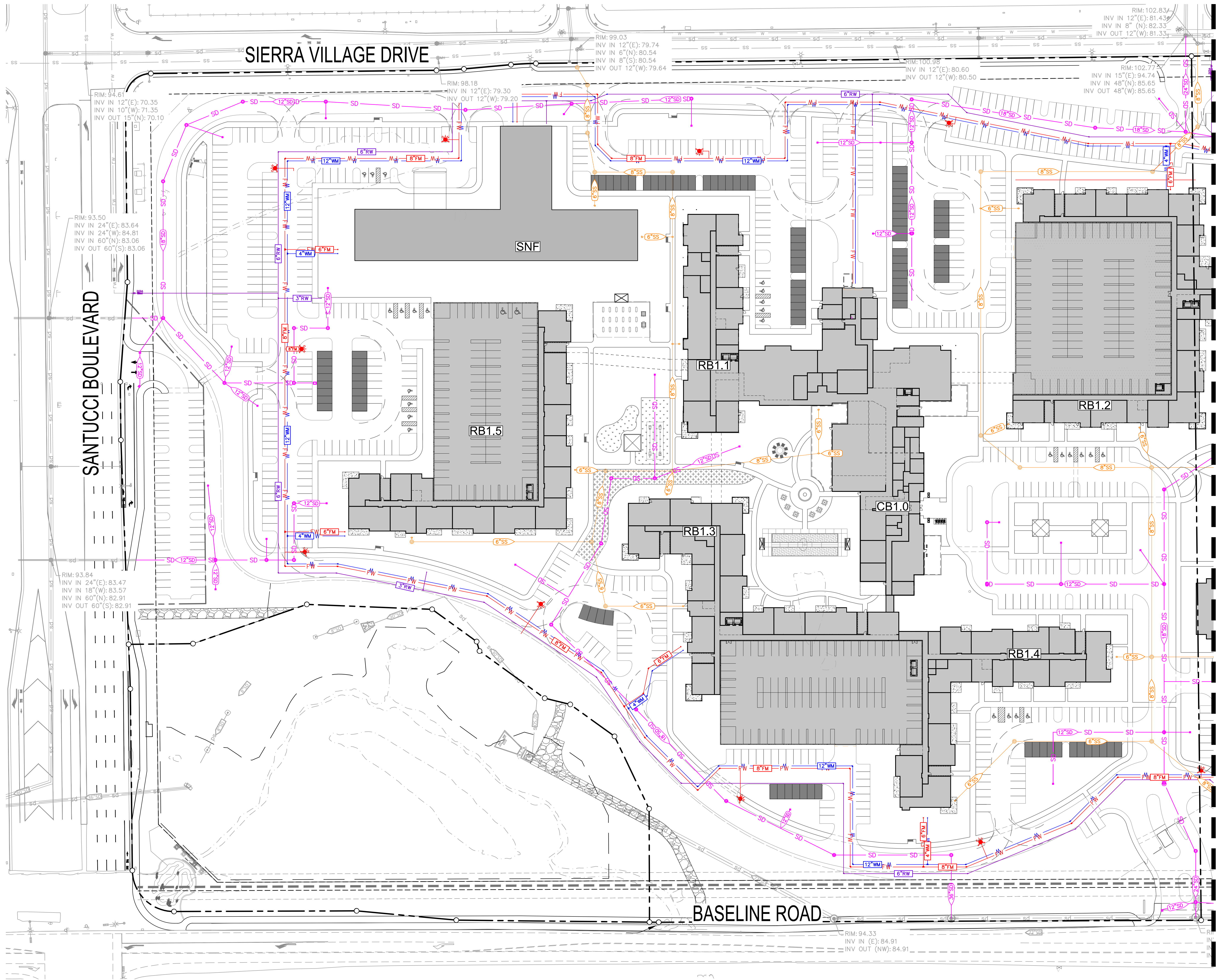
**D** SECTION THRU BASELINE ROAD  
NTS





| LEGEND |       |                                                      |
|--------|-------|------------------------------------------------------|
| SS     | 8"SS  | PROPOSED SEWER LINE                                  |
| SD     | 12"SD | PROPOSED STORM DRAIN LINE                            |
| W      | 12"W  | PROPOSED WATER LINE                                  |
| FW     | 8"FW  | PROPOSED FIRE WATER LINE                             |
| W      | 6"RW  | PROPOSED RECLAIMED WATER LINE                        |
| ○      |       | PROPOSED STORM DRAIN MANHOLE                         |
| ○      |       | PROPOSED SEWER MANHOLE                               |
| ●      |       | PROPOSED FIRE HYDRANT                                |
| ○      |       | PROPOSED DOUBLE CHECK DETECTOR VALVE AND WATER METER |



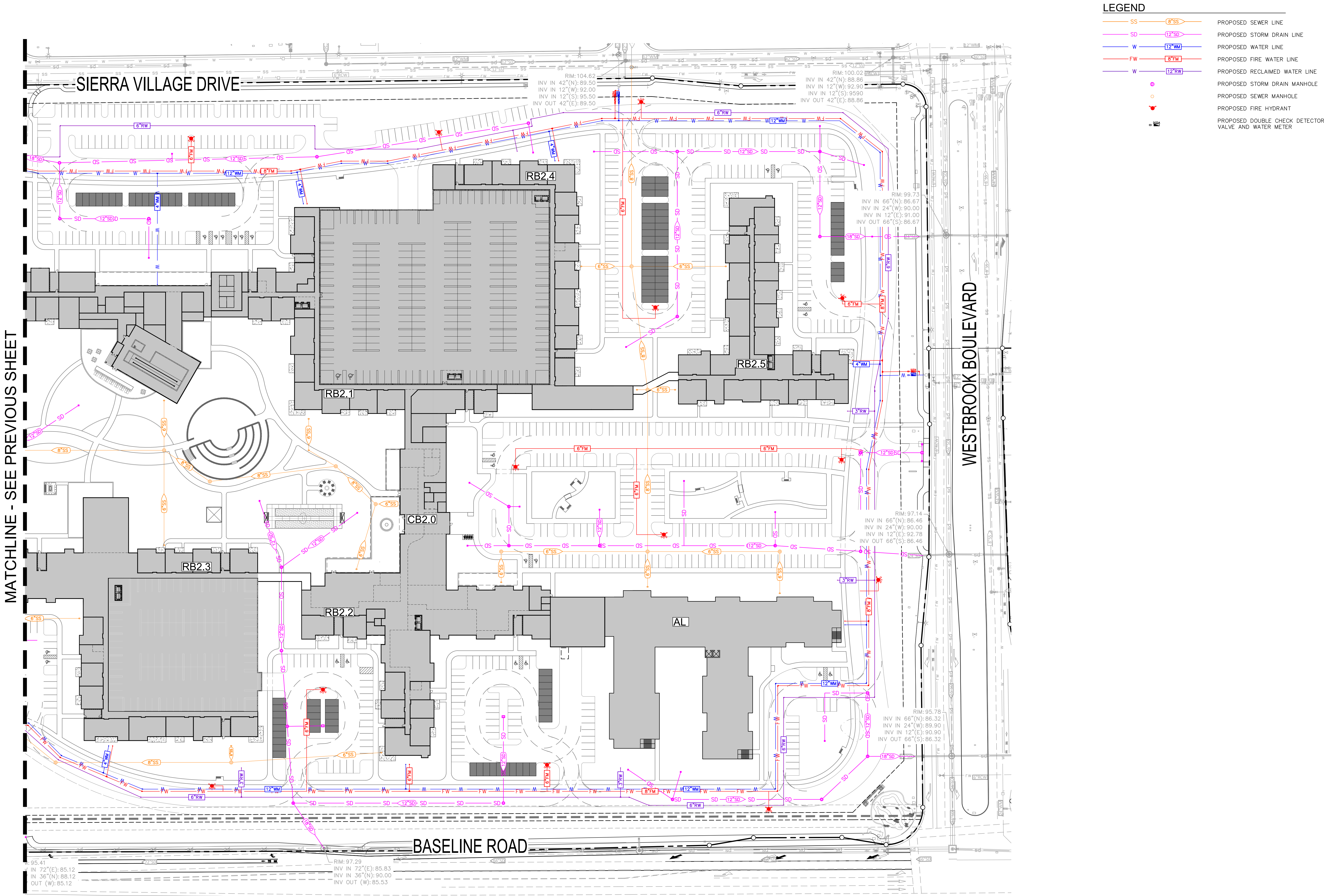


**LEGEND**

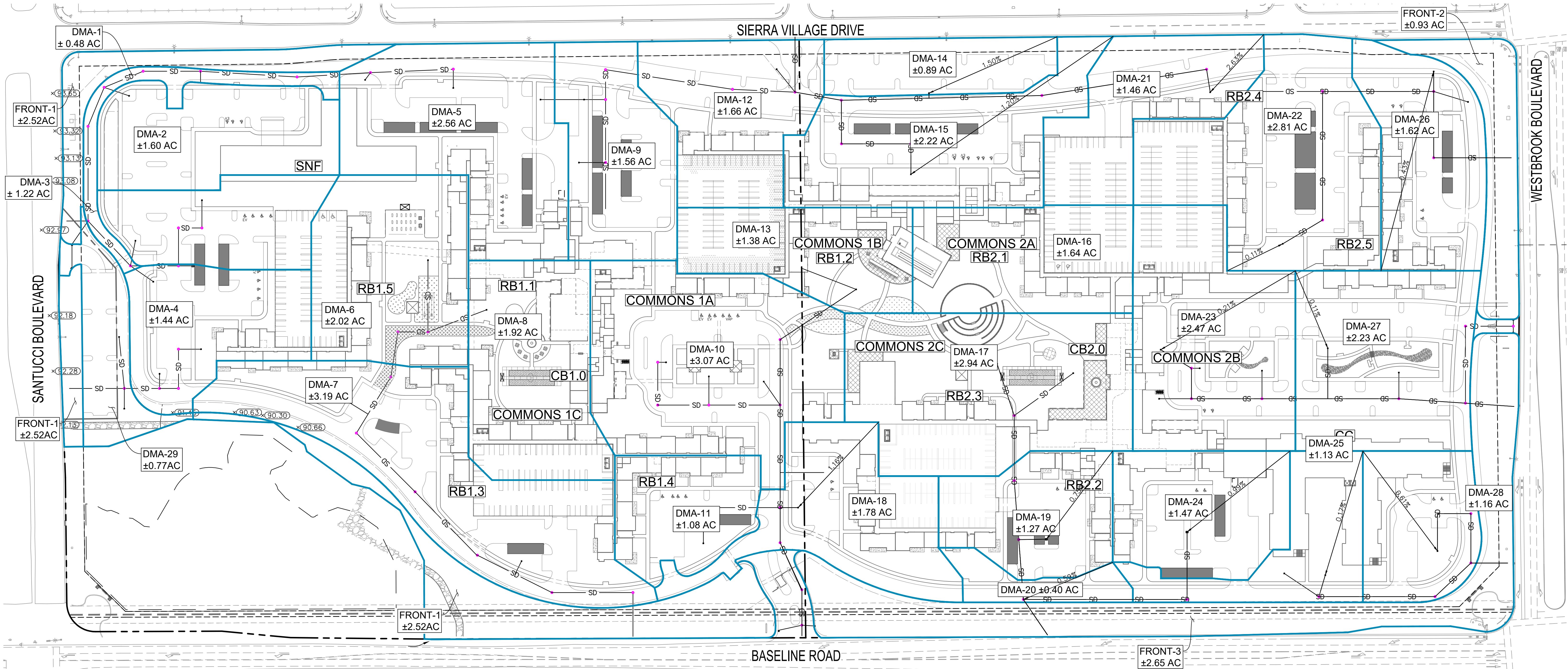
|    |       |                                                      |
|----|-------|------------------------------------------------------|
| SS | 8"SS  | PROPOSED SEWER LINE                                  |
| SD | 12"SD | PROPOSED STORM DRAIN LINE                            |
| W  | 12"WM | PROPOSED WATER LINE                                  |
| FW | 8"FW  | PROPOSED FIRE WATER LINE                             |
| W  | 8"RW  | PROPOSED RECLAIMED WATER LINE                        |
| ○  |       | PROPOSED STORM DRAIN MANHOLE                         |
| ●  |       | PROPOSED SEWER MANHOLE                               |
| ●  |       | PROPOSED FIRE HYDRANT                                |
| ●  |       | PROPOSED DOUBLE CHECK DETECTOR VALVE AND WATER METER |

MATCHLINE - SEE NEXT SHEET









LEGEND

- DRAINAGE MANAGEMENT AREA (DMA)
- LANDSCAPE AREA
- AMENDED SOILS AREA

NOTES

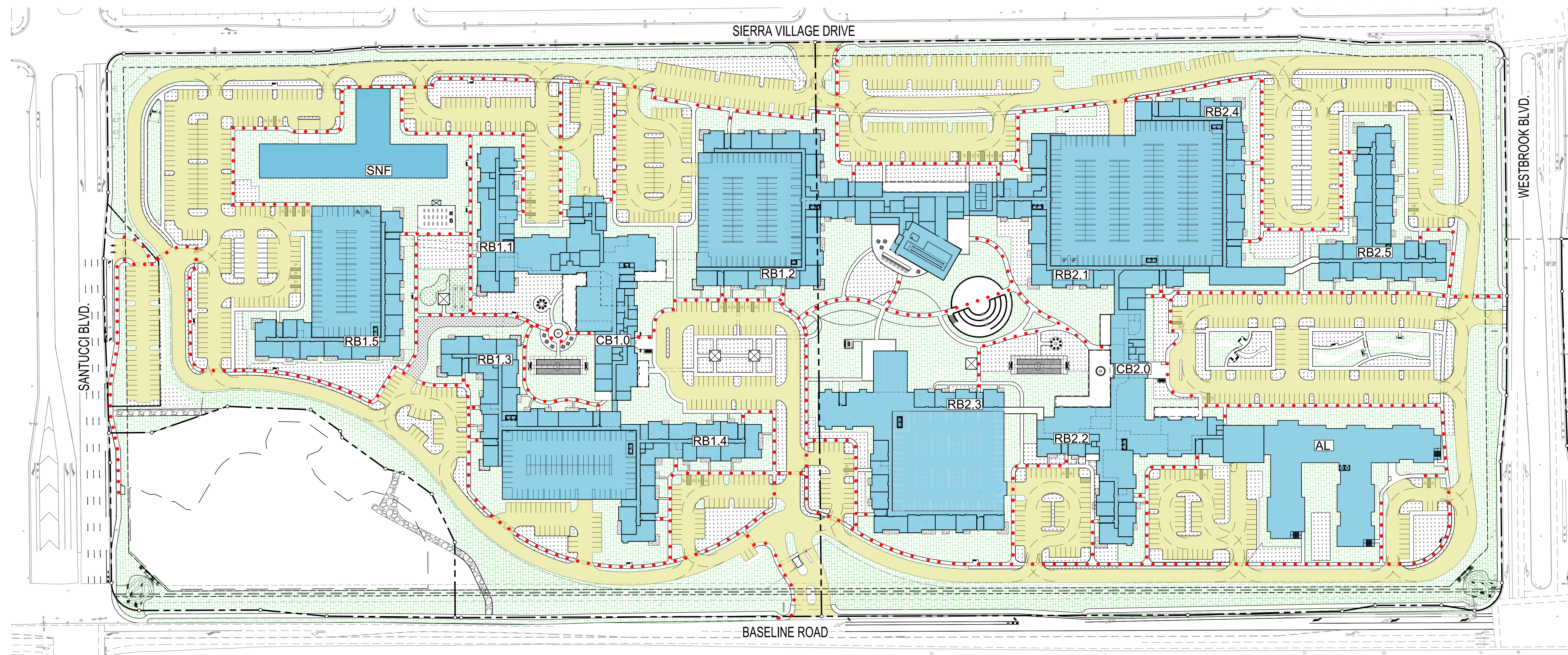
1. LOCATION OF AMENDED SOIL TO BE DETERMINED DURING FINAL DESIGN.
2. PRELIMINARY TREE PLANTING LOCATIONS PER LANDSCAPE PLANS.

| ERICKSON WEST ROSEVILLE - PRELIMINARY STORMWATER COMPLIANCE SUMMARY TABLE |                                          |                                                                           |                                                        |                                                           |                      |
|---------------------------------------------------------------------------|------------------------------------------|---------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------|----------------------|
| SHEED NAME                                                                | TOTAL SHED AREA<br>PERVIOUS<br>AREA (SF) | SITE DESIGN TREATMENT<br>CONTROLS                                         | EFFECTIVE TREATED<br>IMPERVIOUS AREA (SF) <sup>2</sup> | IMPERVIOUS AREA UNTREATED<br>BY SITE DESIGN MEASURES (SF) | Amended<br>Soil Area |
| 1                                                                         | 20,991.00                                | DISCONNECTED ROOF<br>DRAINS, AMENDED SOIL, TREE<br>PLANTINGS <sup>3</sup> | 21,095.00                                              | 0                                                         | 4100                 |
| 2                                                                         | 33,235.00                                |                                                                           | 36,483.00                                              | 0                                                         | 5500                 |
| 3                                                                         | 15,140.00                                |                                                                           | 38,058.00                                              | 0                                                         | 6000                 |
| 4                                                                         | 11,418.00                                |                                                                           | 51,777.00                                              | 0                                                         | 8500                 |
| 5                                                                         | 38,400.00                                |                                                                           | 73,124.00                                              | 0                                                         | 11300                |
| 6                                                                         | 27,322.00                                |                                                                           | 60,861.00                                              | 0                                                         | 7900                 |
| 7                                                                         | 35,548.00                                |                                                                           | 103,903.00                                             | 0                                                         | 16000                |
| 8                                                                         | 20,170.00                                |                                                                           | 63,864.00                                              | 0                                                         | 7400                 |
| 9                                                                         | 23,969.00                                |                                                                           | 43,875.00                                              | 0                                                         | 7600                 |
| 10                                                                        | 43,888.00                                |                                                                           | 89,876.00                                              | 0                                                         | 90800                |
| 11                                                                        | 14,436.00                                |                                                                           | 32,561.00                                              | 0                                                         | 4850                 |
| 12                                                                        | 25,016.00                                |                                                                           | 47,192.00                                              | 0                                                         | 6400                 |
| 13                                                                        | 16,057.00                                |                                                                           | 44,107.00                                              | 0                                                         | 4800                 |
| 14                                                                        | 17,617.00                                |                                                                           | 20,977.00                                              | 0                                                         | 3750                 |
| 15                                                                        | 32,693.00                                |                                                                           | 63,911.00                                              | 0                                                         | 9750                 |
| 16                                                                        | 25,406.00                                |                                                                           | 45,836.00                                              | 0                                                         | 4300                 |
| 17                                                                        | 53,545.00                                |                                                                           | 74,412.00                                              | 0                                                         | 8700                 |
| 18                                                                        | 18,841.00                                |                                                                           | 58,747.00                                              | 0                                                         | 8650                 |
| 19                                                                        | 11,455.00                                |                                                                           | 43,915.00                                              | 0                                                         | 6100                 |
| 20                                                                        | 6,142.00                                 |                                                                           | 11,464.00                                              | 0                                                         | 2100                 |
| 21                                                                        | 15,248.00                                |                                                                           | 48,540.00                                              | 0                                                         | 6800                 |
| 22                                                                        | 28,475.00                                |                                                                           | 93,710.00                                              | 0                                                         | 13500                |
| 23                                                                        | 28,194.00                                |                                                                           | 79,473.00                                              | 0                                                         | 11000                |
| 24                                                                        | 14,759.00                                |                                                                           | 49,349.00                                              | 0                                                         | 7300                 |
| 25                                                                        | 13,943.00                                |                                                                           | 35,174.00                                              | 0                                                         | 5100                 |
| 26                                                                        | 18,895.00                                |                                                                           | 51,778.00                                              | 0                                                         | 8500                 |
| 27                                                                        | 31,224.00                                |                                                                           | 66,056.00                                              | 0                                                         | 11150                |
| 28                                                                        | 11,367.00                                |                                                                           | 39,152.00                                              | 0                                                         | 6300                 |
| 29                                                                        | 16,360.10                                |                                                                           | 17,383.40                                              | 0                                                         | 6301                 |
| FRONT 1 <sup>1</sup>                                                      | 109,679.50                               | SELF TREATING AREAS                                                       | N/A                                                    | N/A                                                       |                      |
| FRONT 2 <sup>1</sup>                                                      | 40,361.00                                |                                                                           |                                                        |                                                           |                      |
| FRONT 3 <sup>1</sup>                                                      | 115,497.00                               |                                                                           |                                                        |                                                           |                      |
| SUM TOTAL                                                                 | 914,234.60                               |                                                                           | 1,505,086.40                                           |                                                           |                      |
| TOTAL                                                                     | 2,439,321.30                             |                                                                           |                                                        |                                                           |                      |

1. SITE DEVELOPMENT VOLUME REDUCED BY METHOD AT OUTLINE IN FORM 3.4 OF THE WEST FLORIDA STORMWATER TREATMENT.  
2. AS CALCULATED IN FORM 3.4.4 OF THE WEST FLORIDA STORMWATER TREATMENT.  
3. FRONTAGE DRAINAGE MANAGEMENT AREAS ARE CONSIDERED TO BE SELF-TREATING AND 100% PERVIOUS

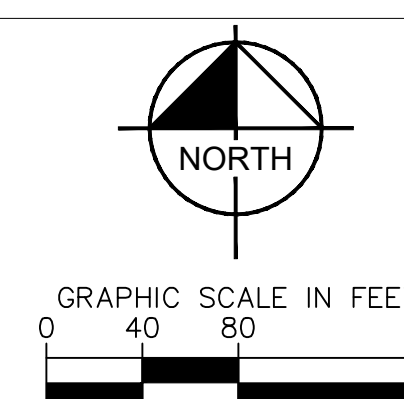


- LEGEND
- PRIMARY PEDESTRIAN PATHWAY
  - ASPHALT PAVEMENT
  - LANDSCAPE AREA

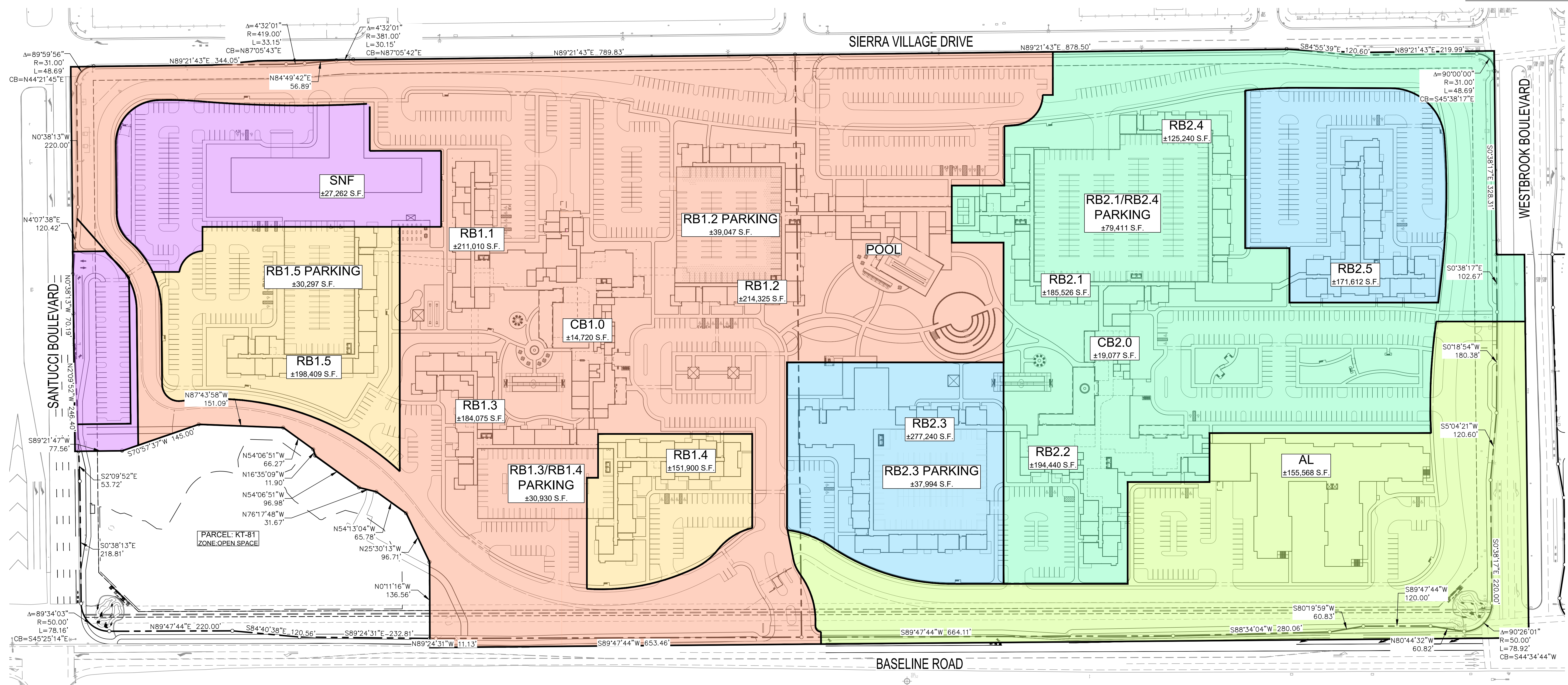
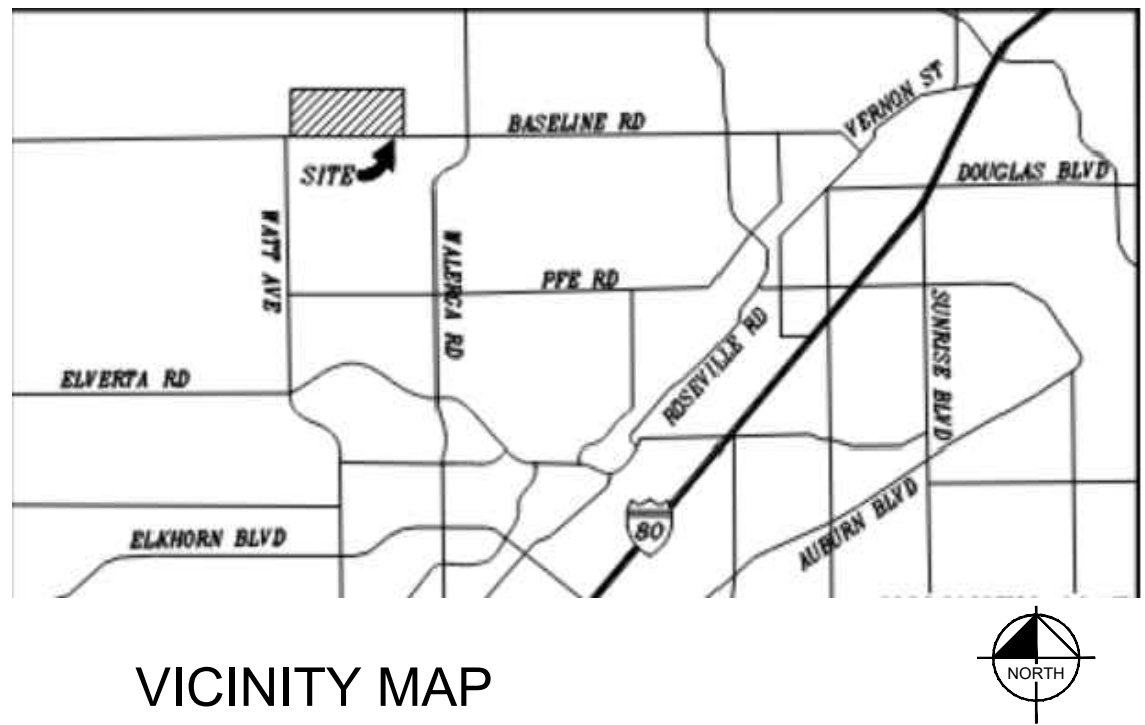


6000 BASELINE ROAD  
ERICKSON SENIOR LIVING ROSEVILLE

Pedestrian Plan







LEGEND

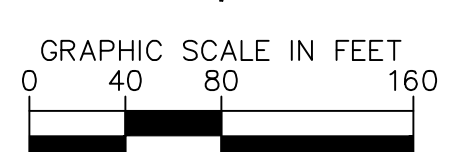
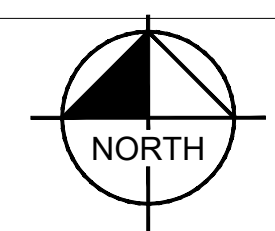
- PHASE 1
- PHASE 2
- PHASE 3
- PHASE 4
- PHASE 5
- PHASE 6

SUMMARY TABLE

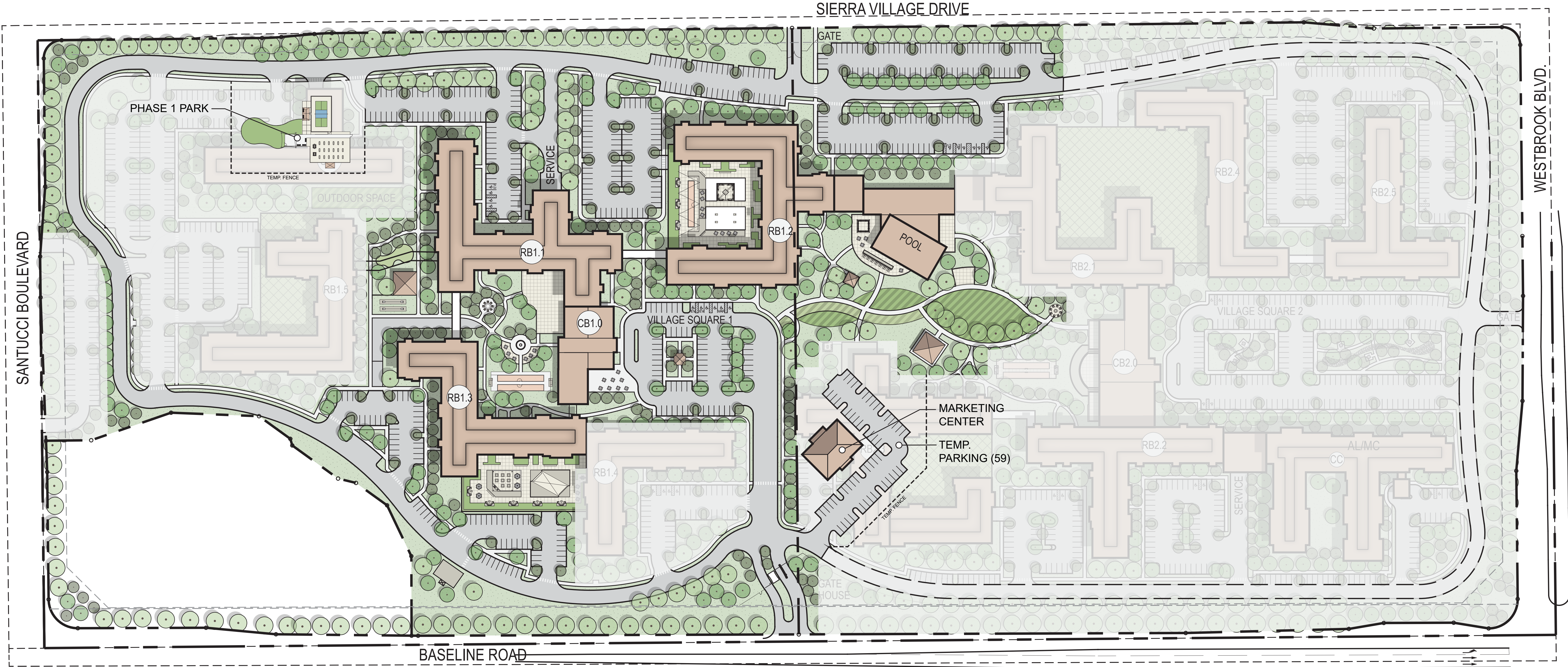
| PHASE   | BUILDINGS                | AREA (S.F.) |
|---------|--------------------------|-------------|
| PHASE 1 | RB 1.1                   | 211,010     |
|         | CB 1.0                   | 14,720      |
|         | RB 1.2                   | 214,325     |
|         | RB 1.3                   | 184,075     |
|         | TOTAL                    | 624,130     |
| PHASE 2 | RB 1.4                   | 151,900     |
|         | RB 1.5                   | 198,409     |
|         | TOTAL                    | 350,309     |
| PHASE 3 | ASSISTED LIVING (AL)     | 155,568     |
| PHASE 4 | RB 2.1                   | 185,528     |
|         | CB 2.0                   | 19,077      |
|         | RB 2.2                   | 194,440     |
|         | RB 2.4                   | 125,240     |
|         | TOTAL                    | 524,285     |
| PHASE 5 | RB 2.3                   | 277,240     |
|         | RB 2.5                   | 171,612     |
|         | TOTAL                    | 448,852     |
| PHASE 6 | SKILLED NURSING FACILITY | 27,262      |
|         | PARK AND RIDE LOT        | -           |
| TOTAL   |                          | 2,130,406   |

6000 BASELINE ROAD  
ERICKSON SENIOR LIVING ROSEVILLE

MPP STAGE 1: PHASING PLAN



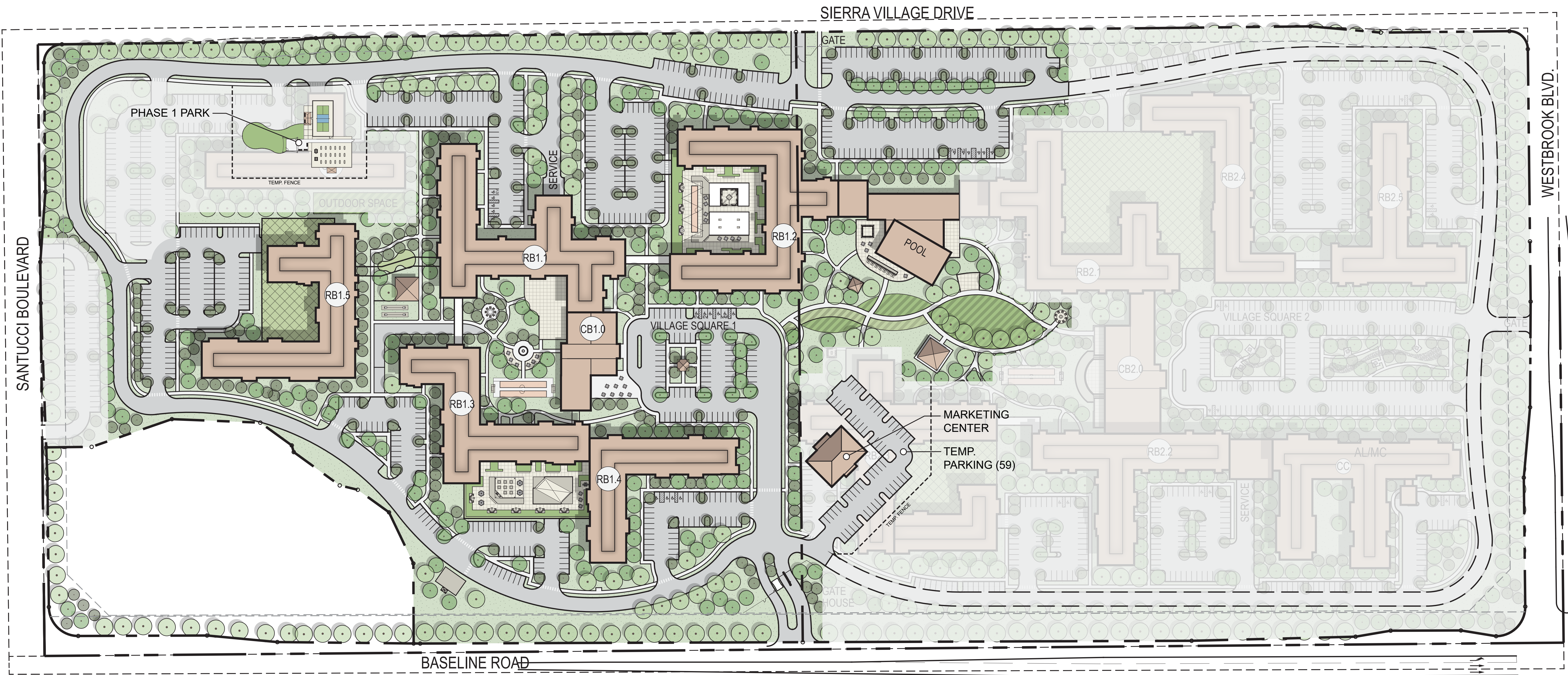




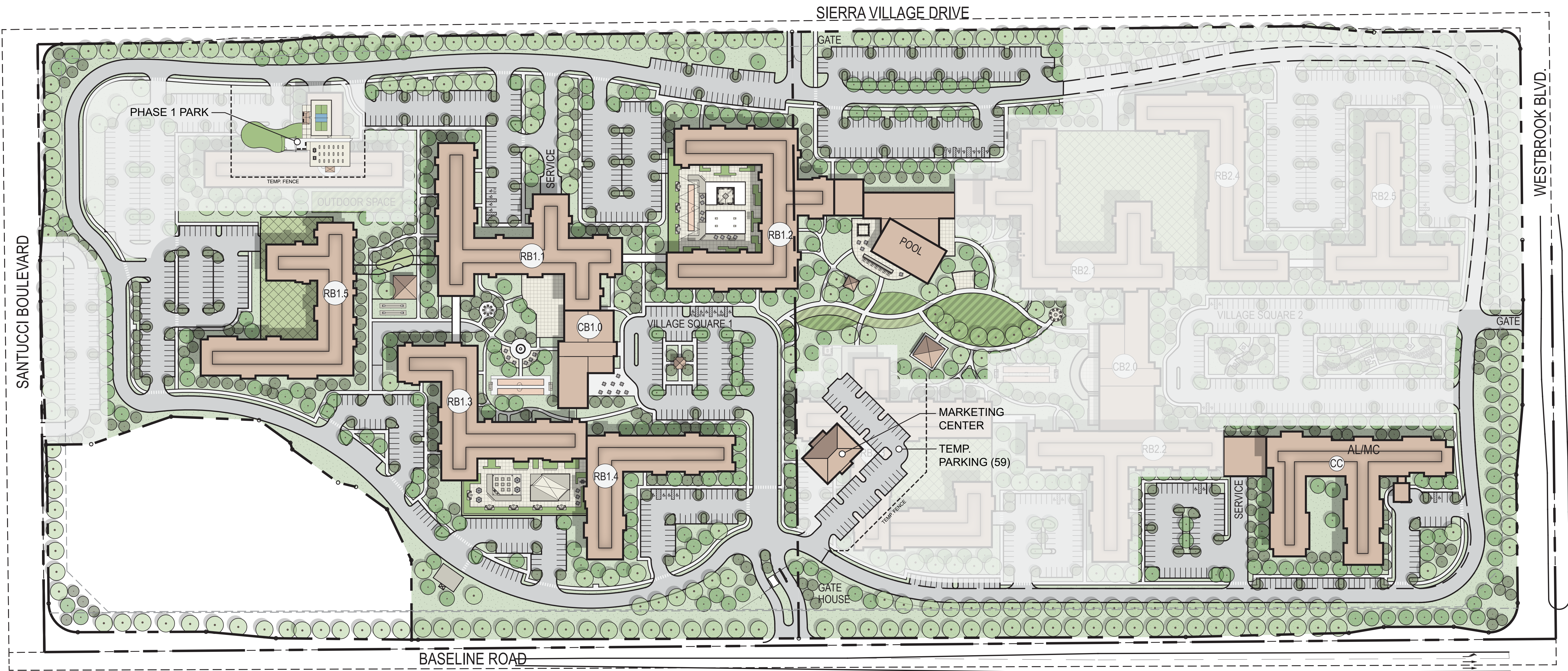
PHASING PLAN - PHASE 1

ERICKSON SENIOR LIVING ROSEVILLE

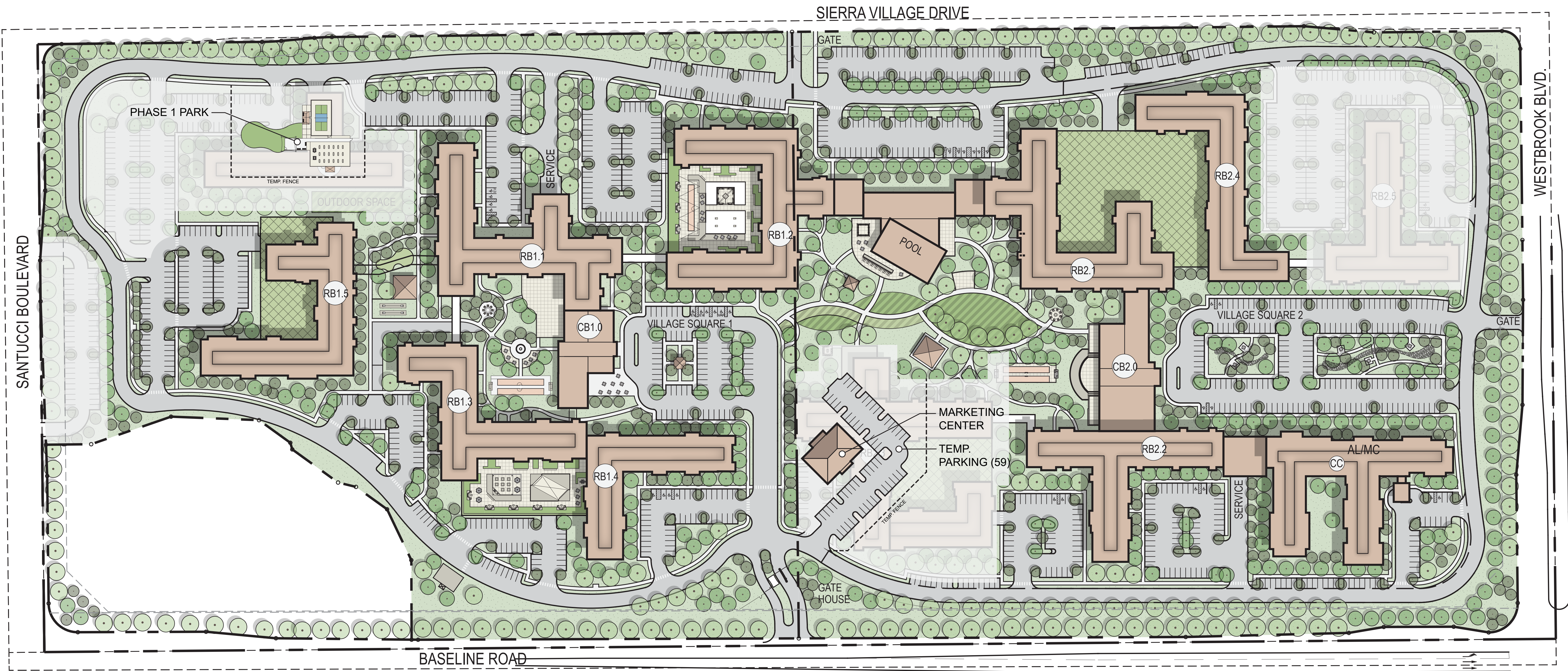




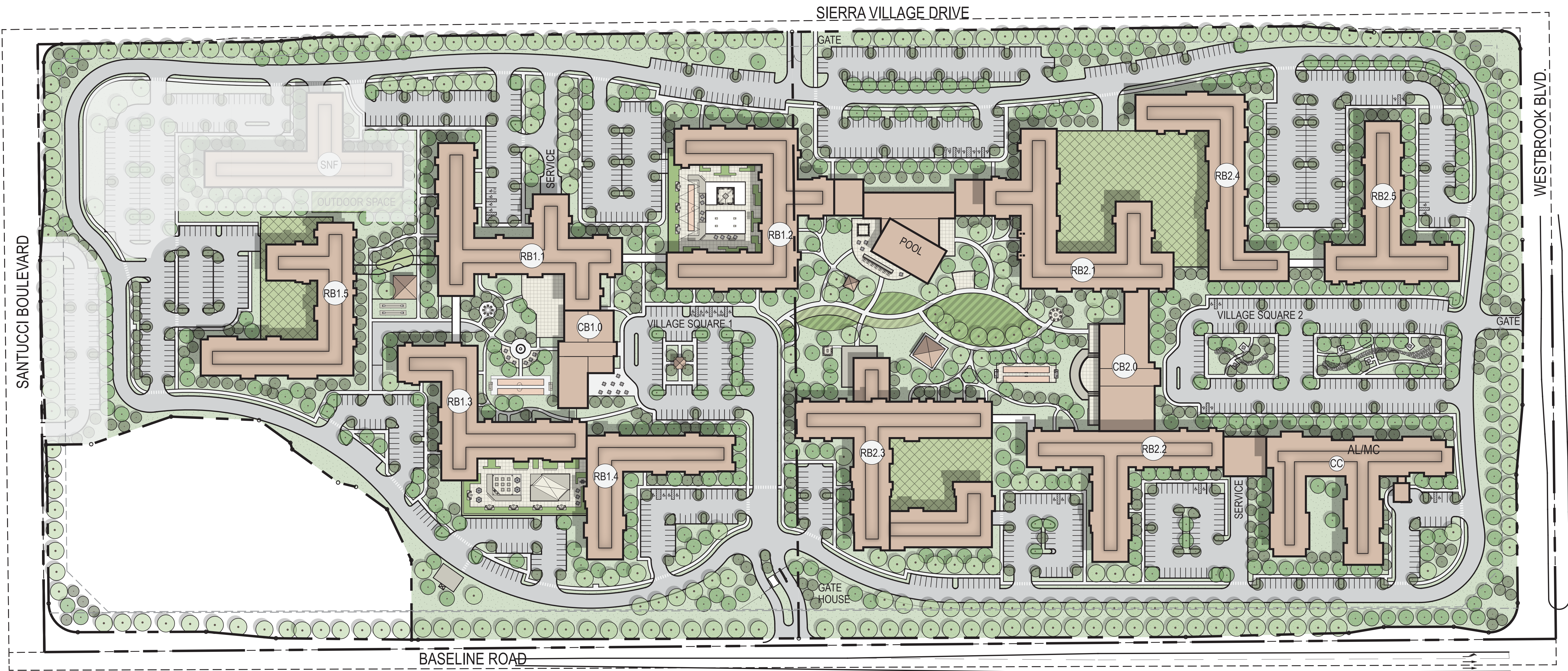








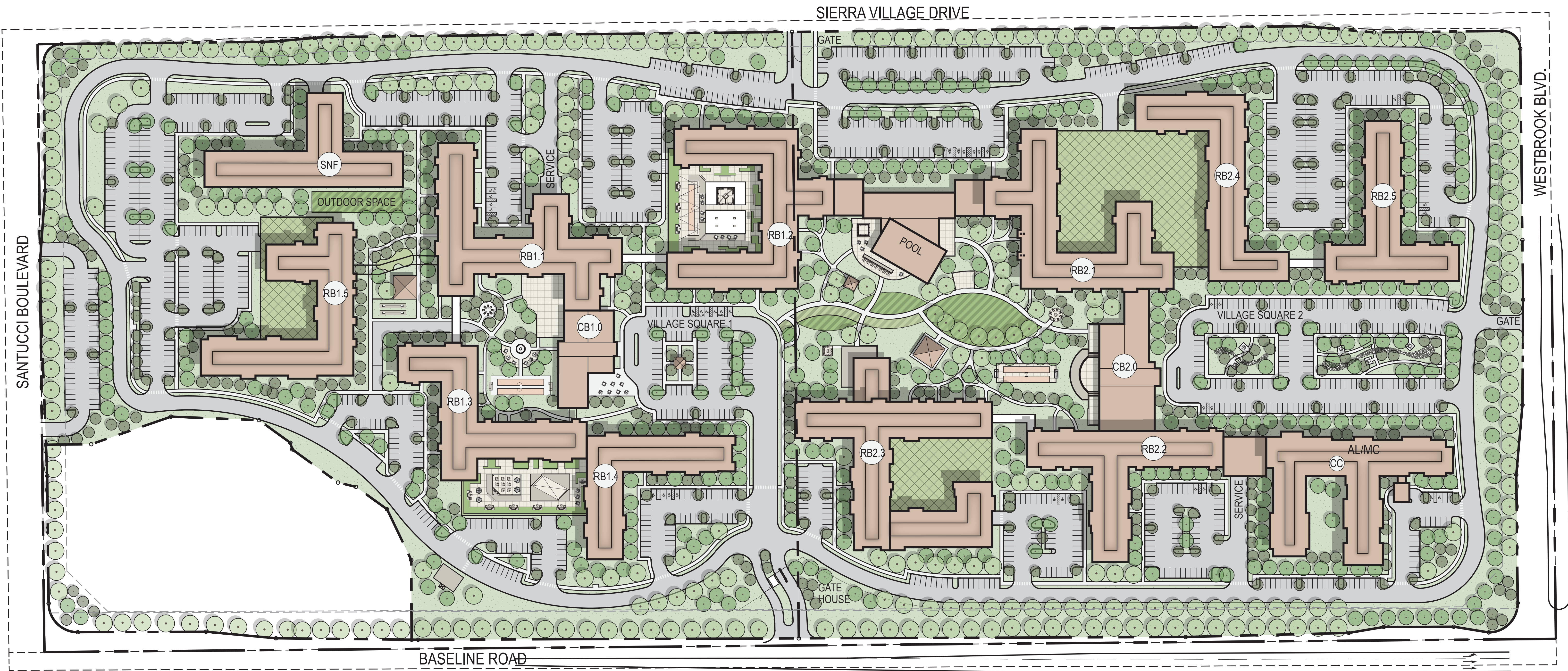




PHASING PLAN - PHASE 5

ERICKSON SENIOR LIVING ROSEVILLE

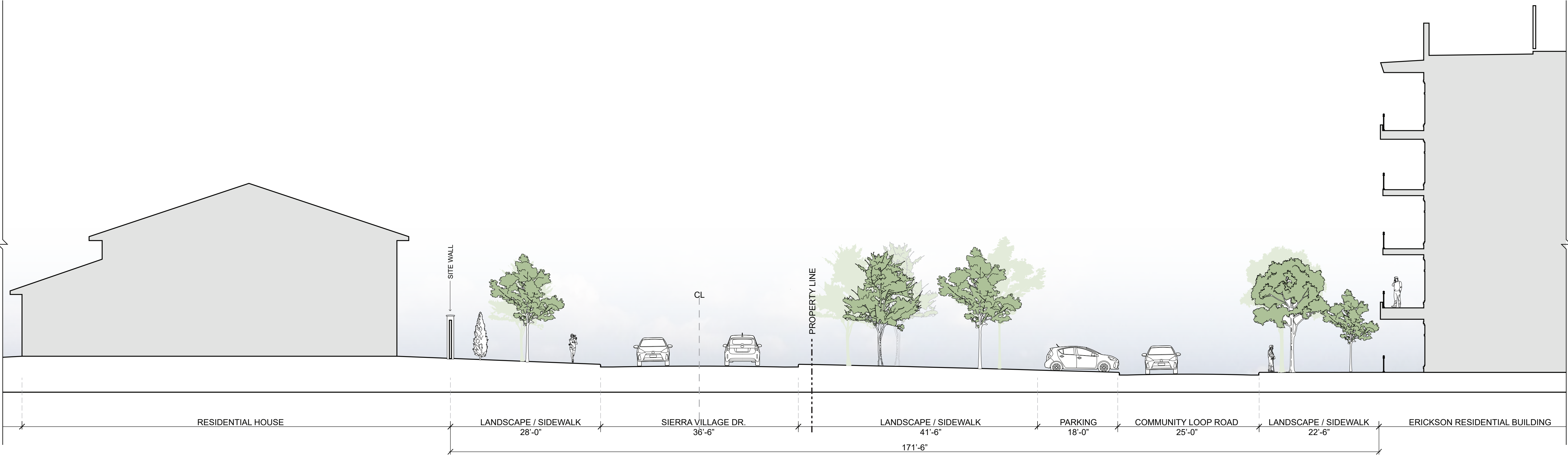




PHASING PLAN - PHASE 6

ERICKSON SENIOR LIVING ROSEVILLE





01 NORTH-SOUTH SITE SECTION  
1"=10'

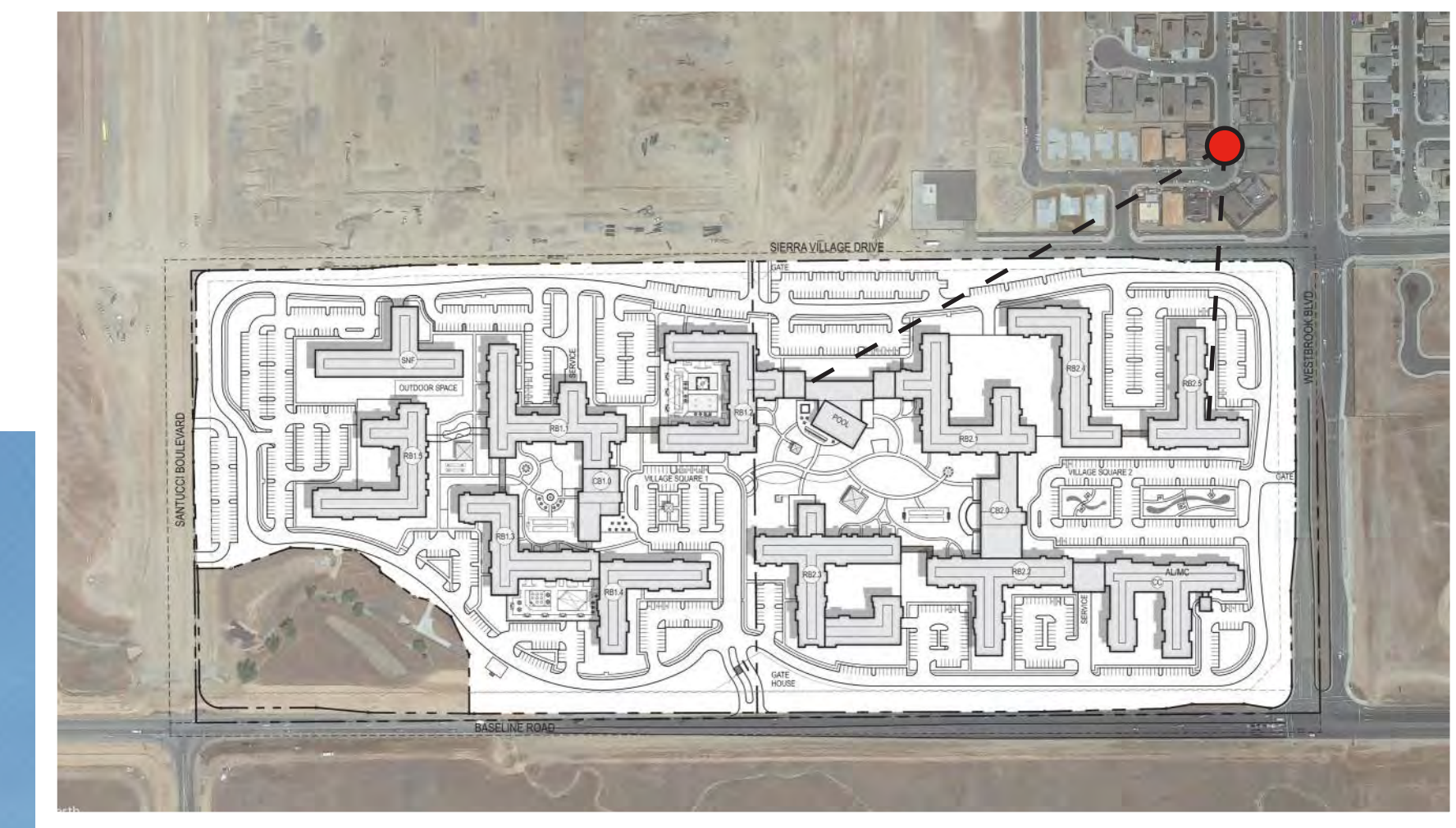


02 NORTH-SOUTH SITE SECTION (EXPANDED)  
1"=20'

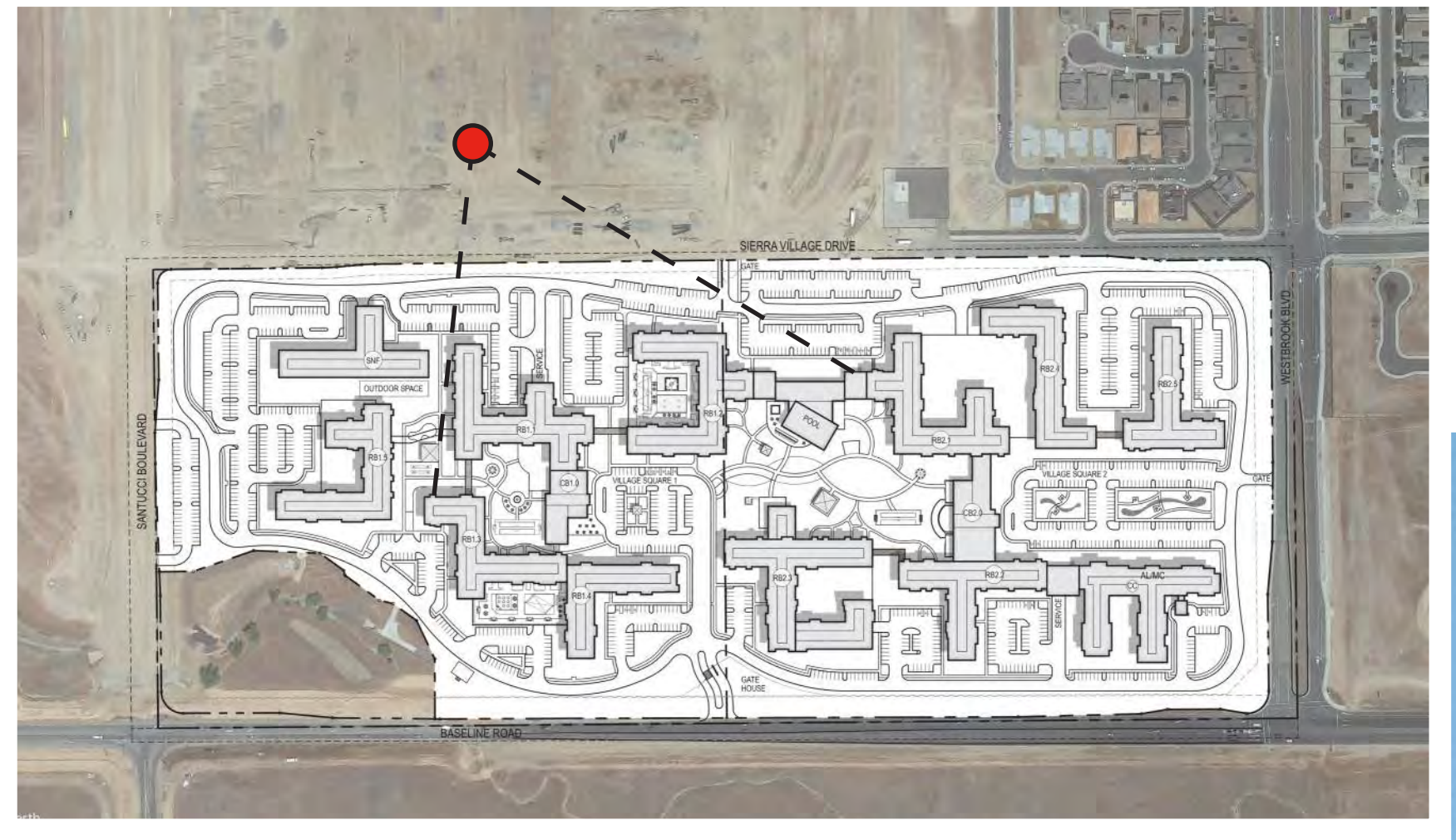
STREET SECTION - SIERRA VILLAGE DR.

ERICKSON SENIOR LIVING ROSEVILLE

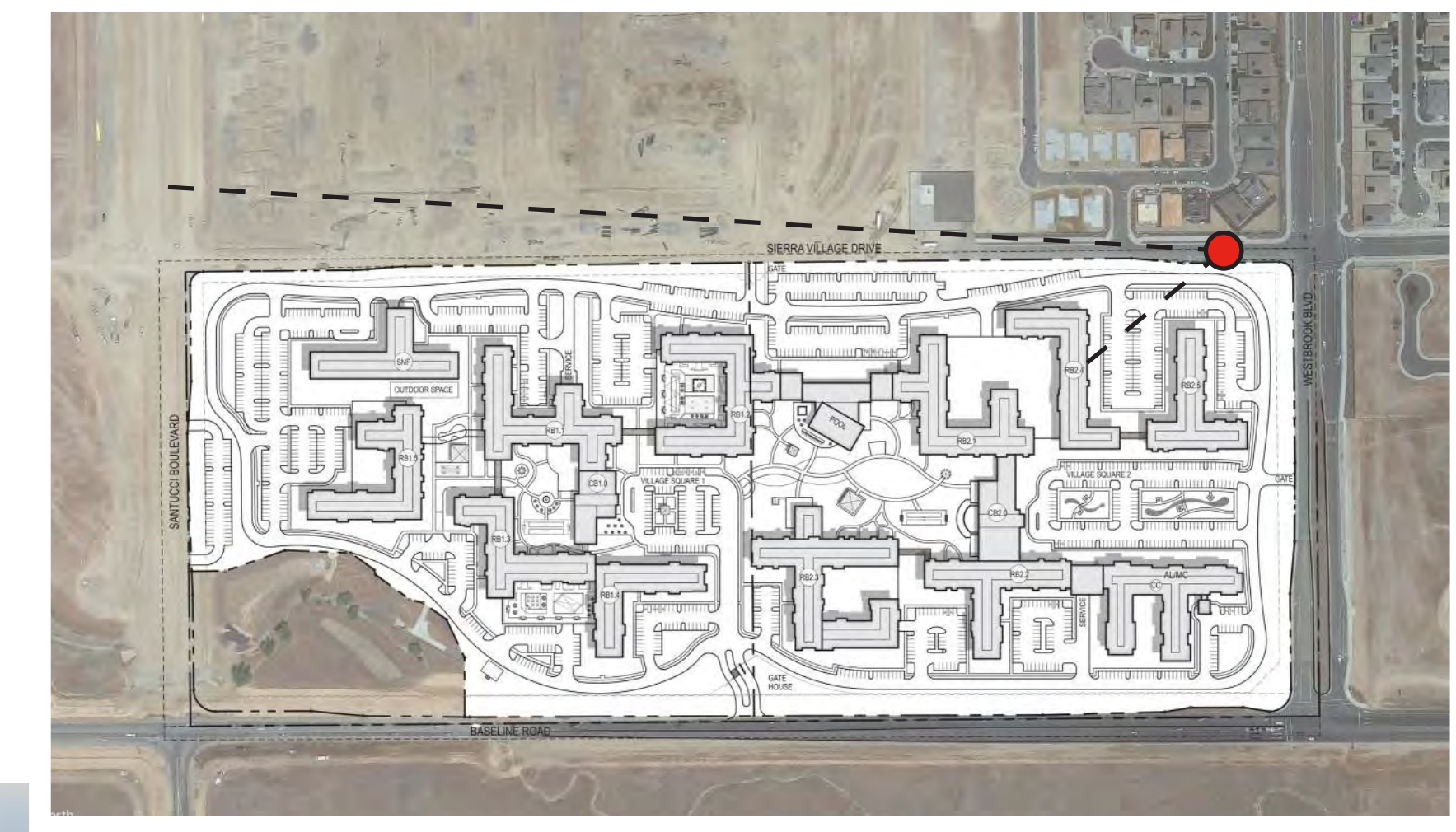




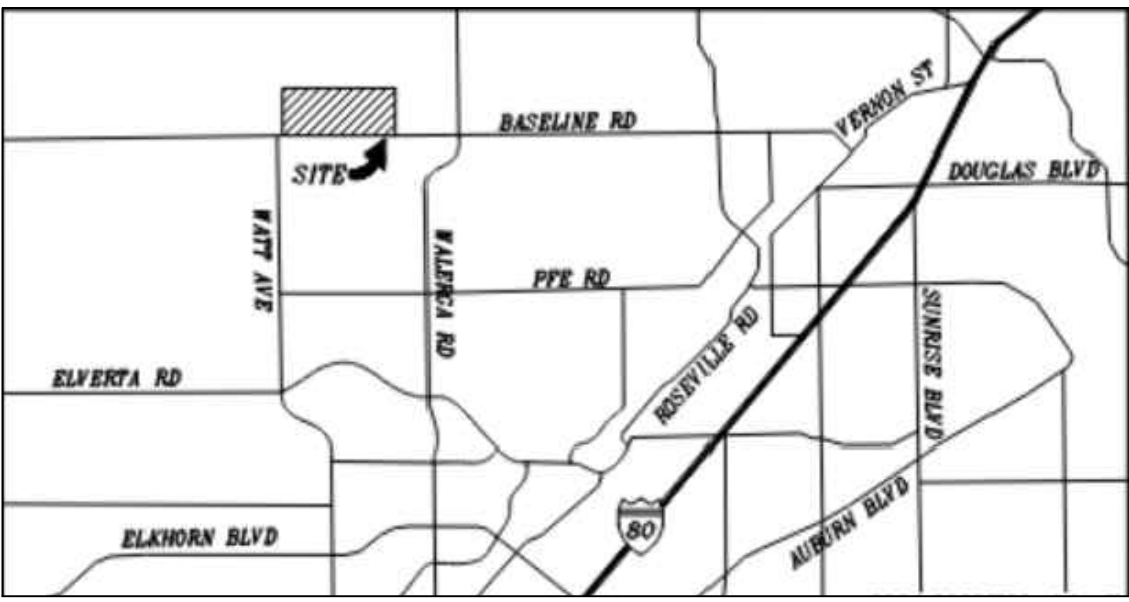




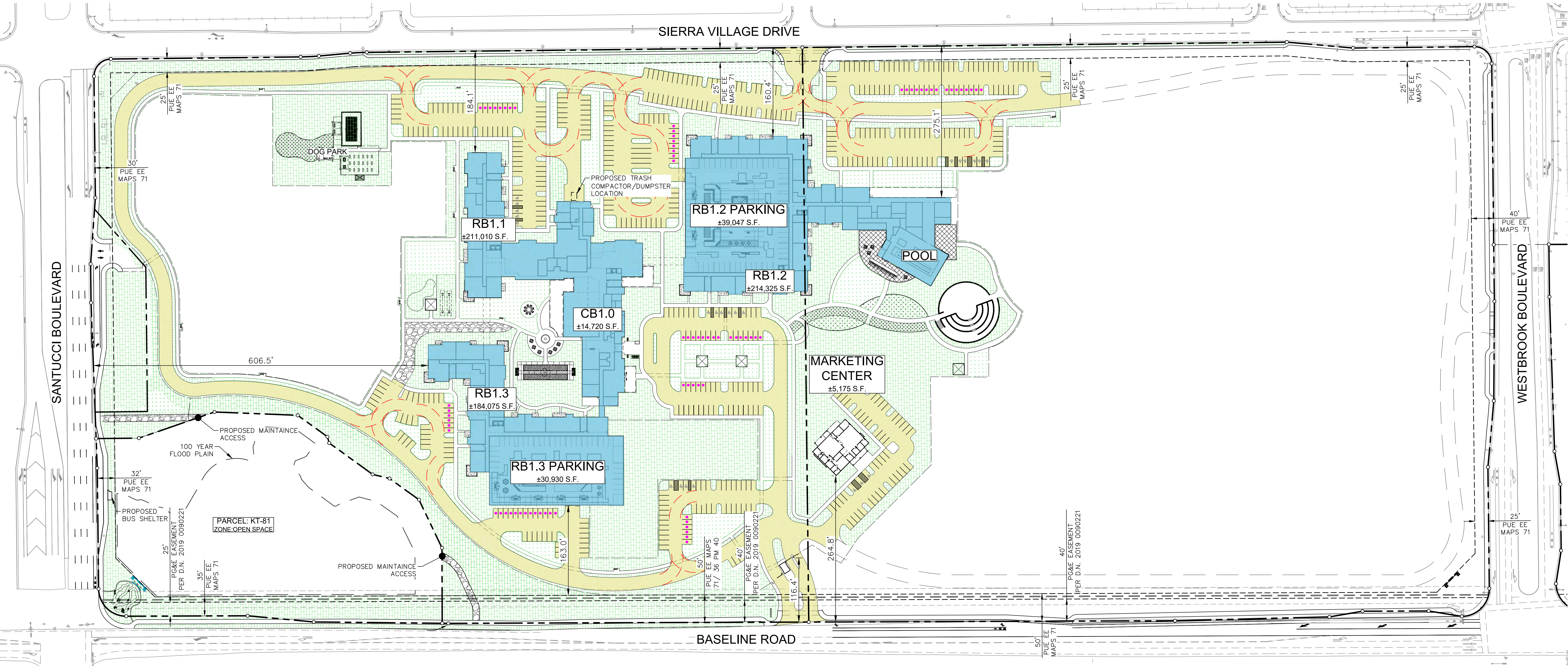








VICINITY MAP



LEGEND

- ASPHALT PAVEMENT
- LANDSCAPE AREA
- CONCRETE SIDEWALK
- BUILDING AREA
- AMENDED SOILS AREA
- FIRE TRUCK RADIUS (TYP 30' & 50')

PROJECT SUMMARY

**AREA**  
AREA: 55.56± ACRES  
APN: 499-010-074-000, (LOT 1) (25.88 AC)  
APN: 499-010-075-000, (LOT 2) (29.68 AC)

**SPECIFIC PLAN**  
SIERRA VISTA SPECIFIC PLAN  
PARCELS KT-41A AND KT-41B

**LAND USE DESIGNATION**  
COMMUNITY COMMERCIAL (CC)

**ZONING**  
GENERAL COMMERCIAL (GC)

**PROPOSED USES**  
COMMUNITY CARE FACILITY,  
LONG-TERM CARE FACILITY,  
AND MEDICAL SERVICES

**DEVELOPER**  
ERICKSON SENIOR LIVING, LLC  
701 MAIDEN CHOICE LANE  
BALTIMORE, MD 21228  
ATTN: STEVEN MONTGOMERY

**PROPERTY OWNER**  
KV SIERRA VISTA, LLC  
7801 FOLSOM BOULEVARD  
SACRAMENTO, CA 95826

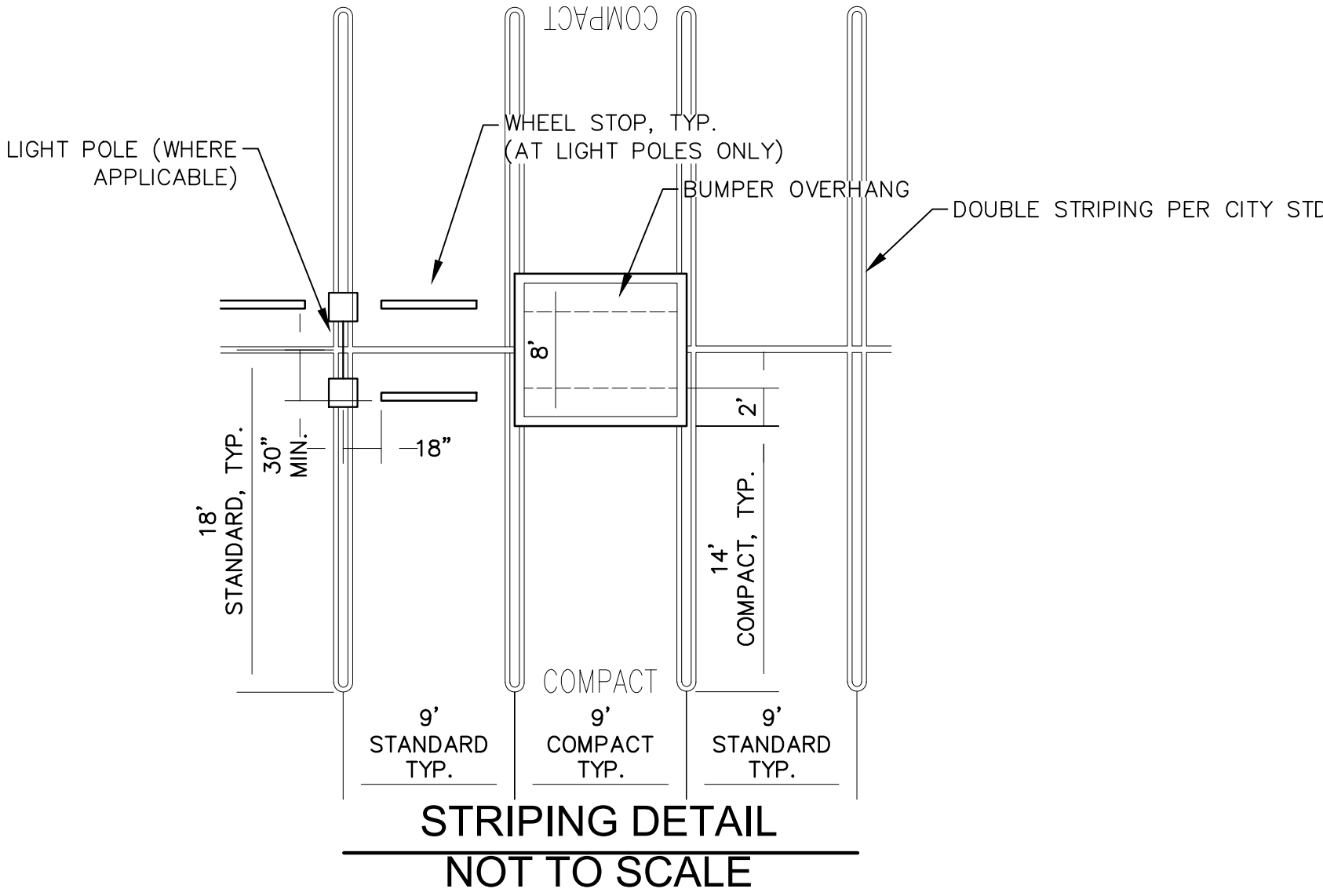
**ENGINEER**  
KIMLEY-HORN AND ASSOCIATES  
555 CAPITOL MALL SUITE 300  
SACRAMENTO, CA 95814  
ATTN: FAREED PITTALWALA

**ARCHITECT**  
LANITZ BOGGIO  
5650 DTC PARKWAY, SUITE 200  
ENGLEWOOD, CO 80111  
ATTN: DAVID FIK

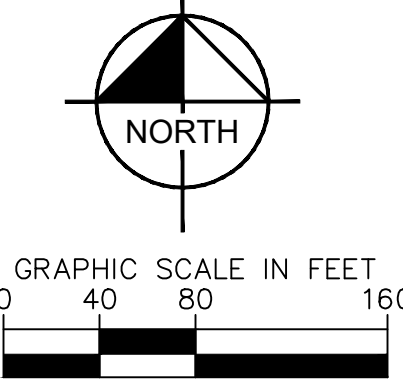
| BUILDING SUMMARY |         |             |  |
|------------------|---------|-------------|--|
| BUILDING         | STORIES | SQUARE FEET |  |
| RB 1.1           | 5       | 211,010     |  |
| CB 1.0           | 1       | 14,720      |  |
| RB 1.2           | 5       | 214,325     |  |
| RB 1.3           | 6       | 184,075     |  |
| MARKETING CENTER | 1       | 5,175       |  |
| SITE TOTALS:     |         | 629,305     |  |

|         |     |
|---------|-----|
| PHASE 2 | 213 |
| PHASE 3 | 112 |
| PHASE 4 | 468 |
| PHASE 5 | 245 |

CALGREEN REQUIREMENTS  
ELECTRIC VEHICLE CHARGING CAPABLE  
(10% OF 774) 77

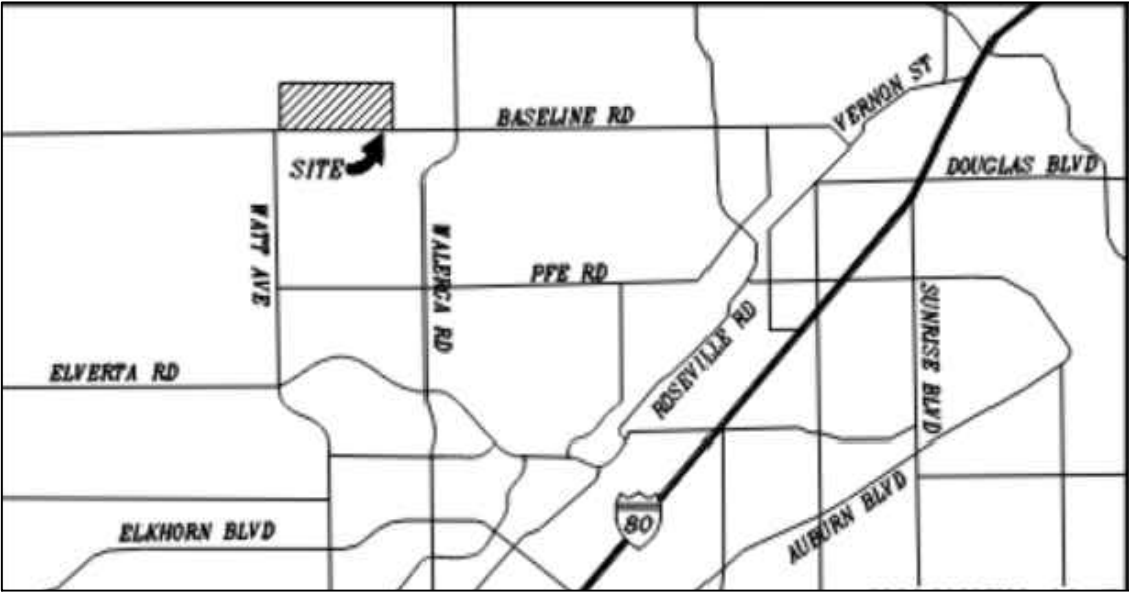


6000 BASELINE ROAD  
ERICKSON SENIOR LIVING ROSEVILLE  
MPP STAGE 2: SITE PLAN





# PC Exhibit D

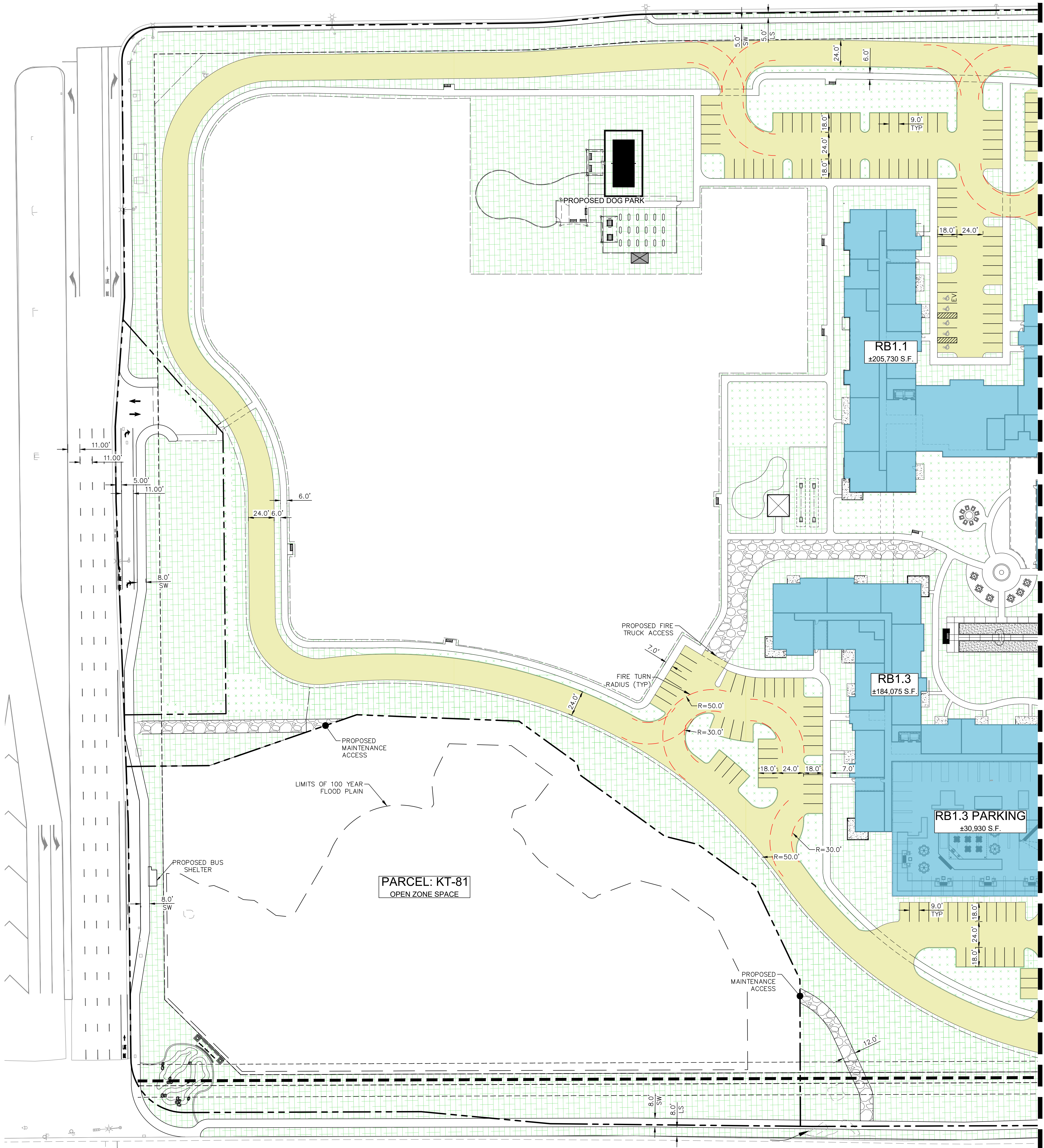


VICINITY MAP

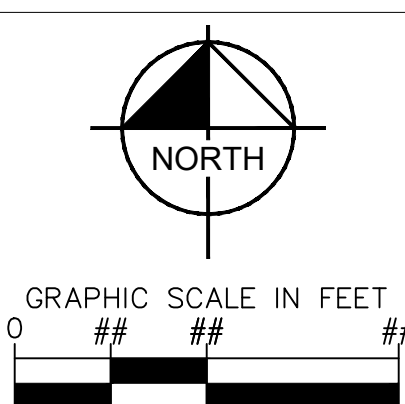


## LEGEND

- ASPHALT PAVEMENT
- LANDSCAPE AREA
- CONCRETE SIDEWALK
- BUILDING AREA
- AMENDED SOILS AREA
- FIRE TRUCK RADIUS (TYP 30' & 50')

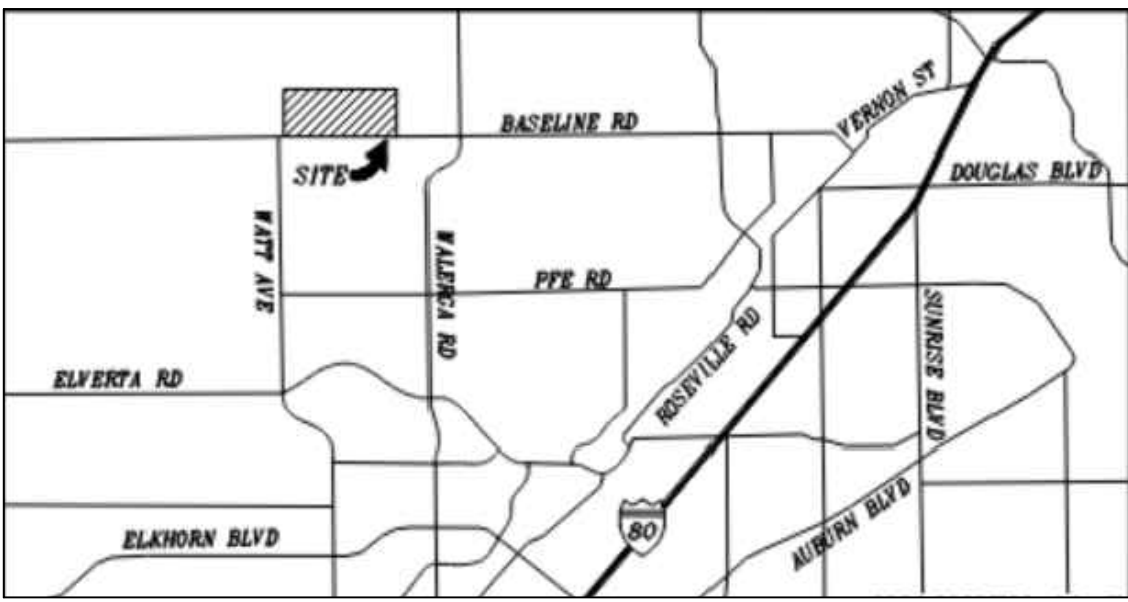


MATCHLINE - SEE SHEET SITE PLAN - EAST





PC Exhibit D

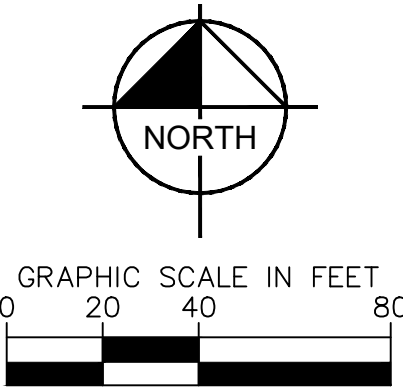
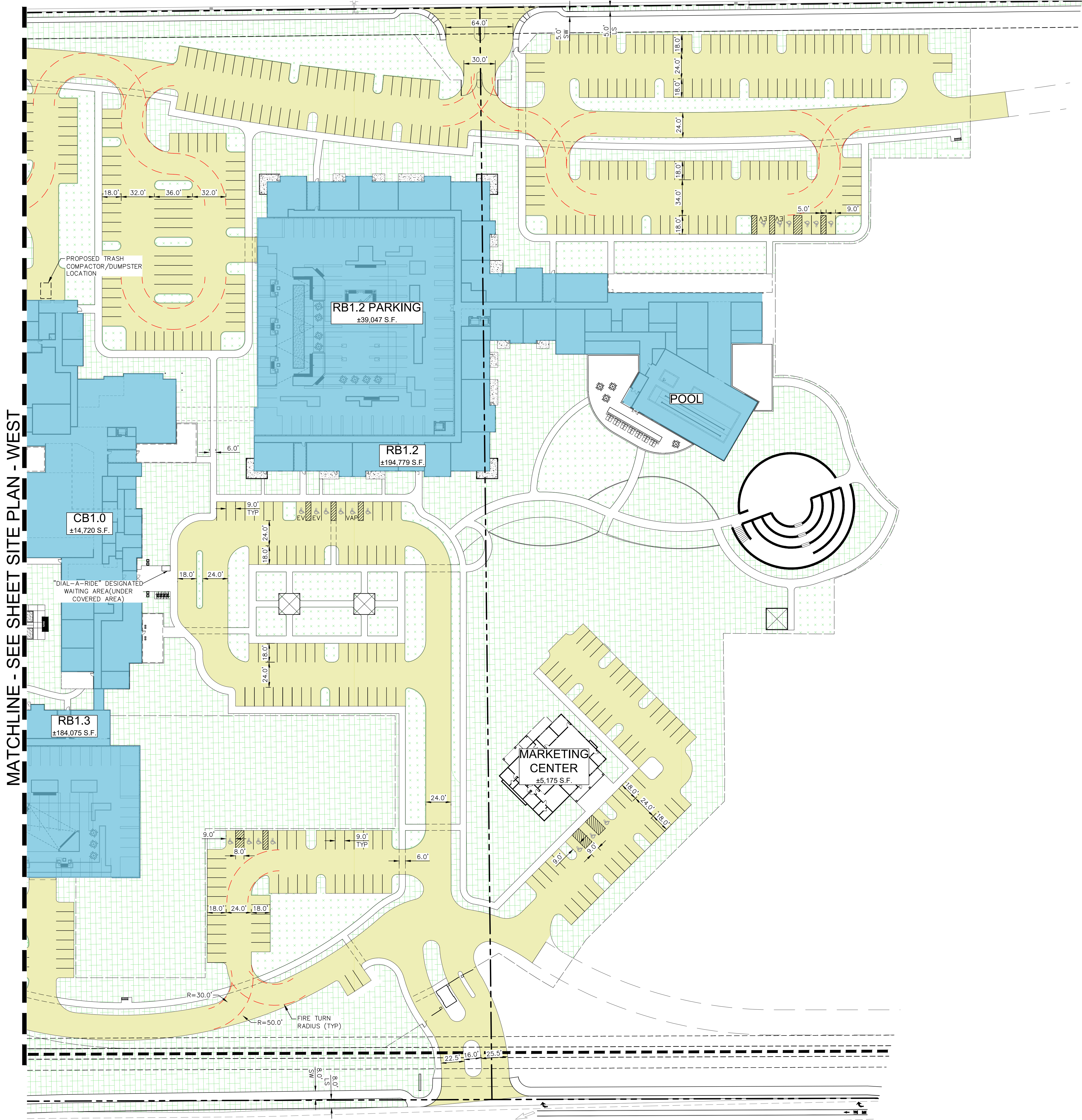


VICINITY MAP

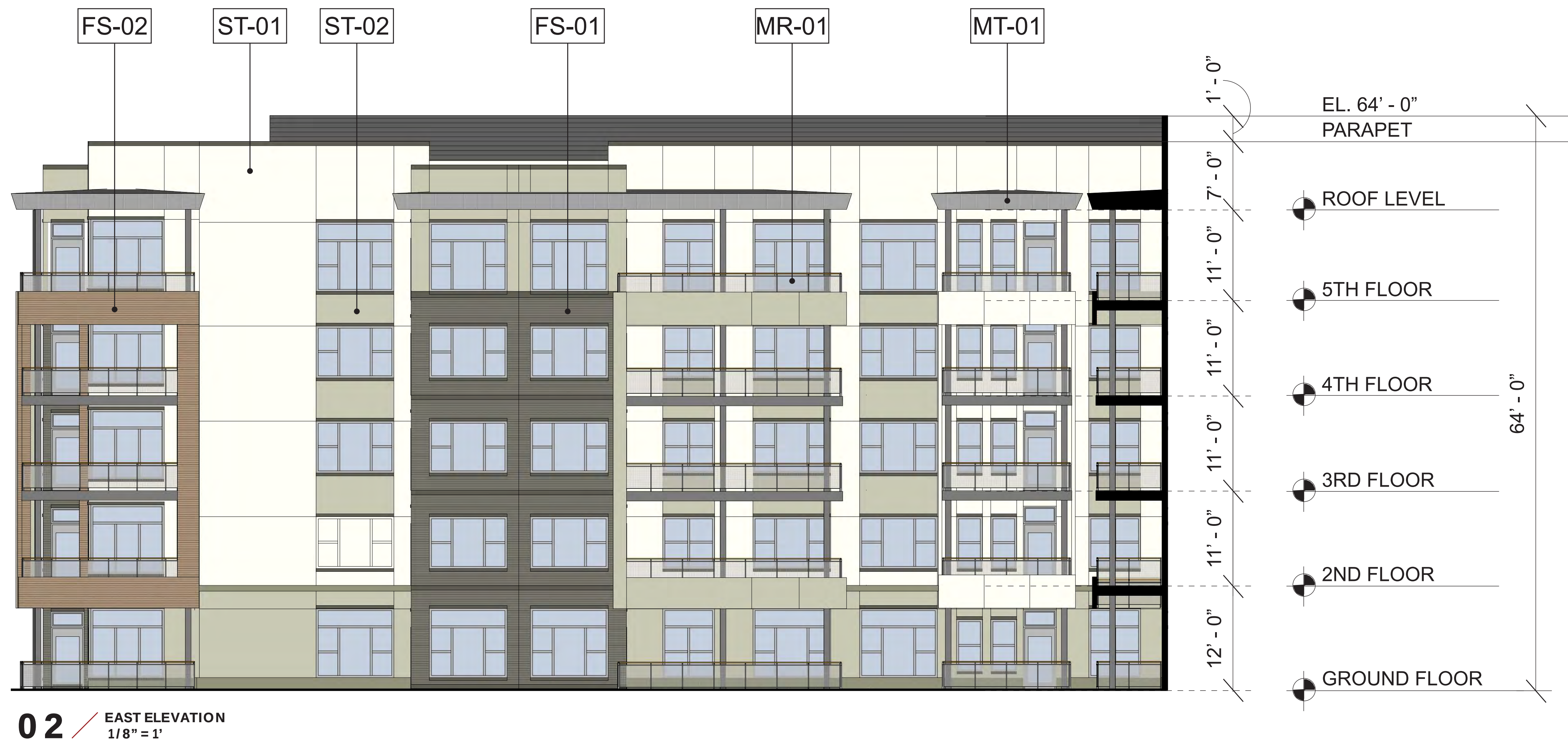


LEGEND

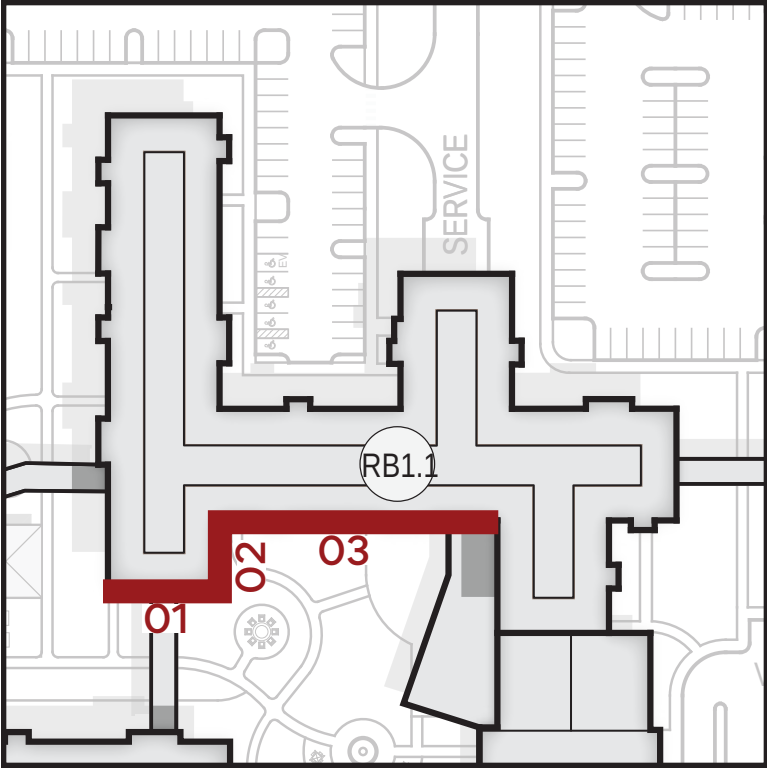
- ASPHALT PAVEMENT
- LANDSCAPE AREA
- CONCRETE SIDEWALK
- BUILDING AREA
- FIRE TRUCK RADIUS (TYP 30' & 50')







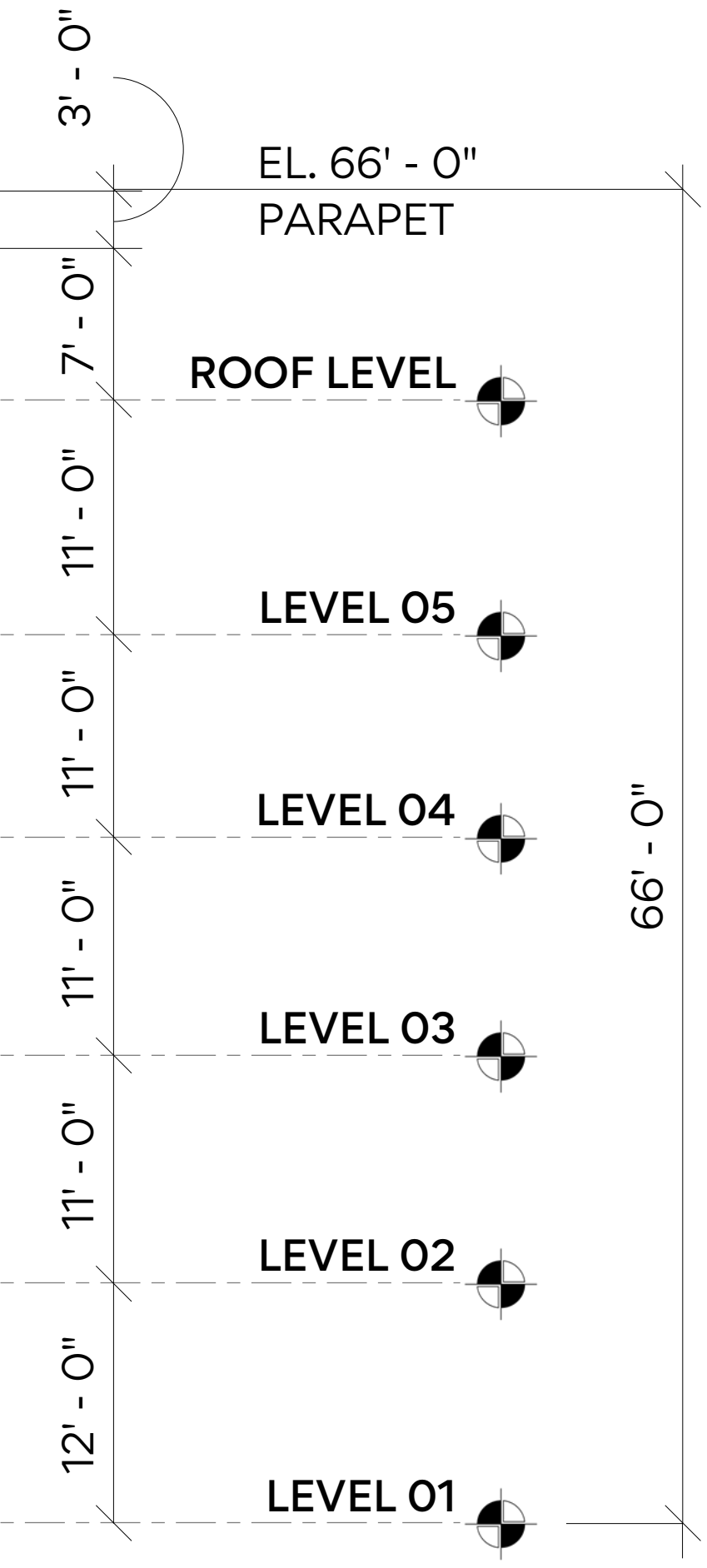




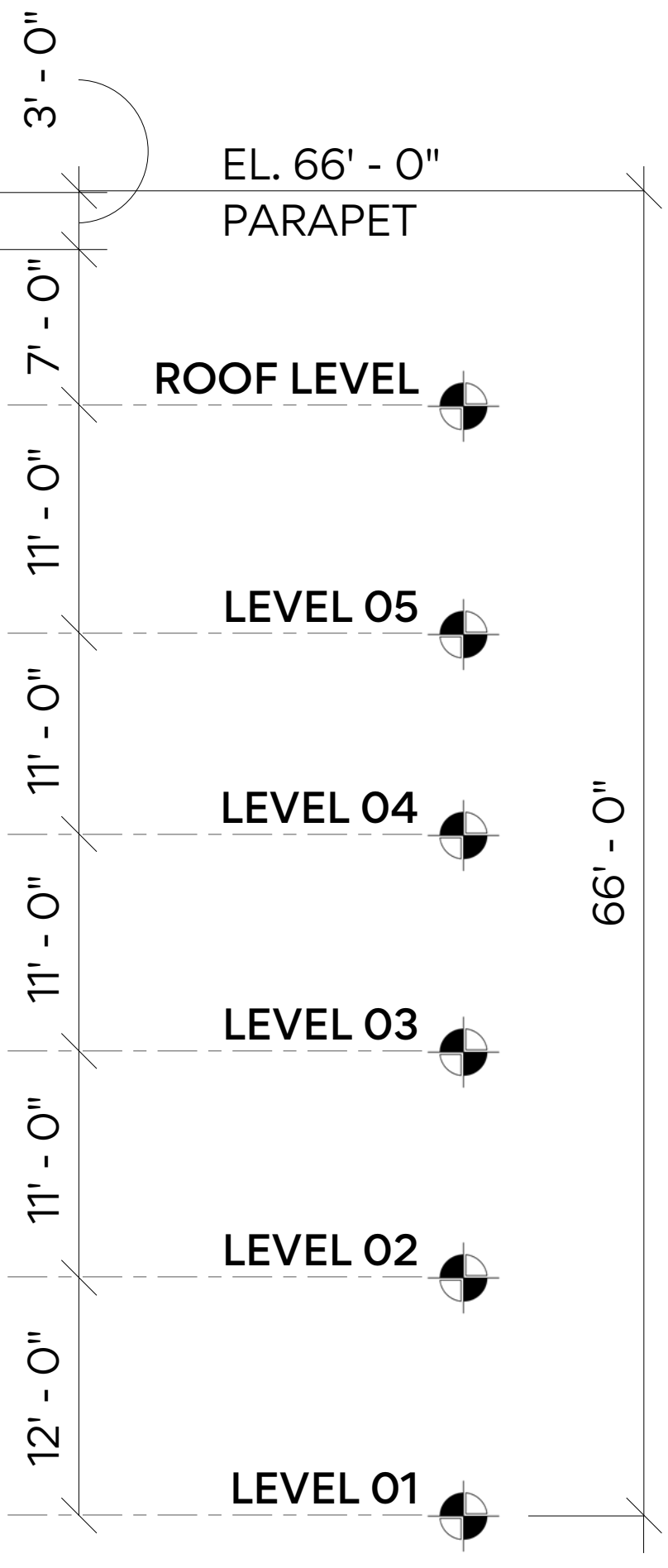
**01** / RB1.1 SOUTH ELEVATION 01  
SCALE: 1/8" = 1'



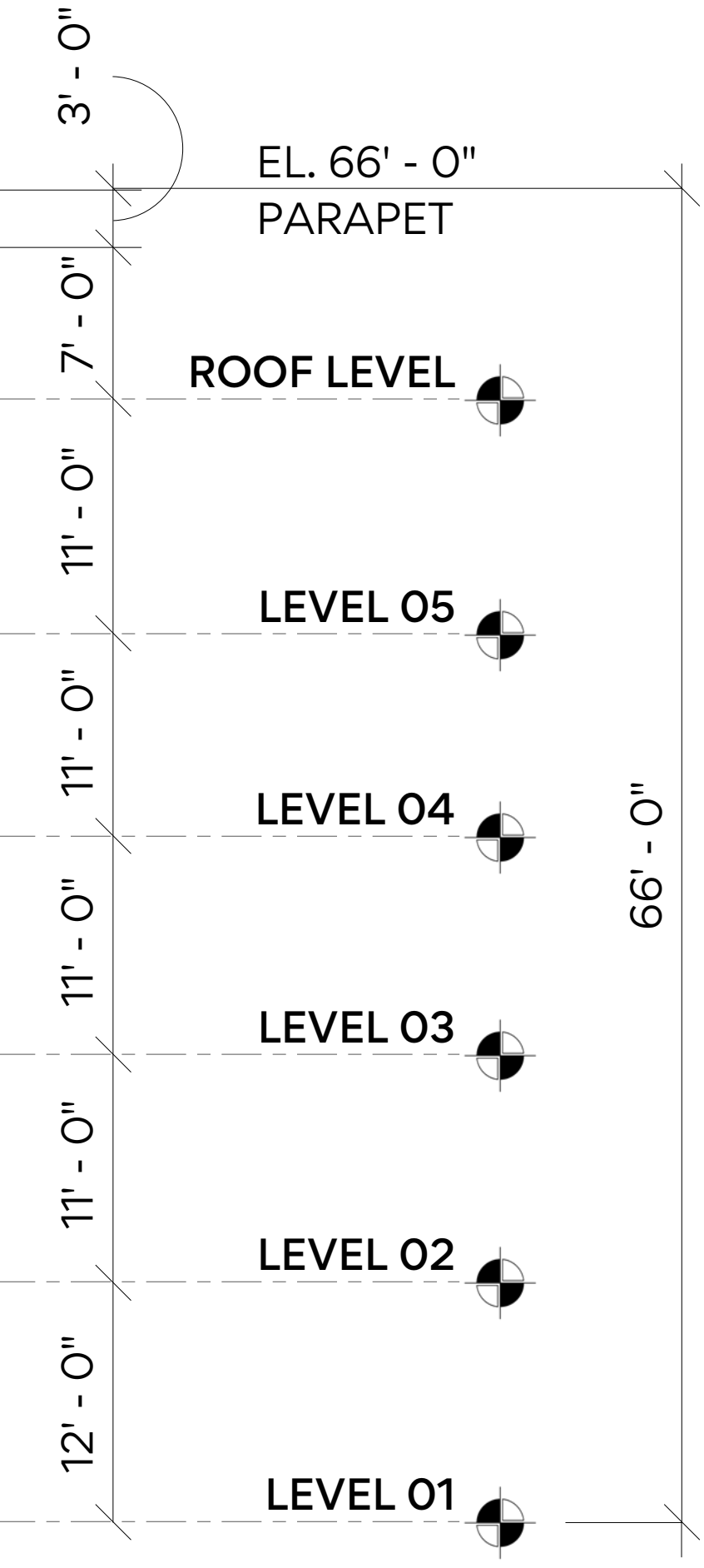
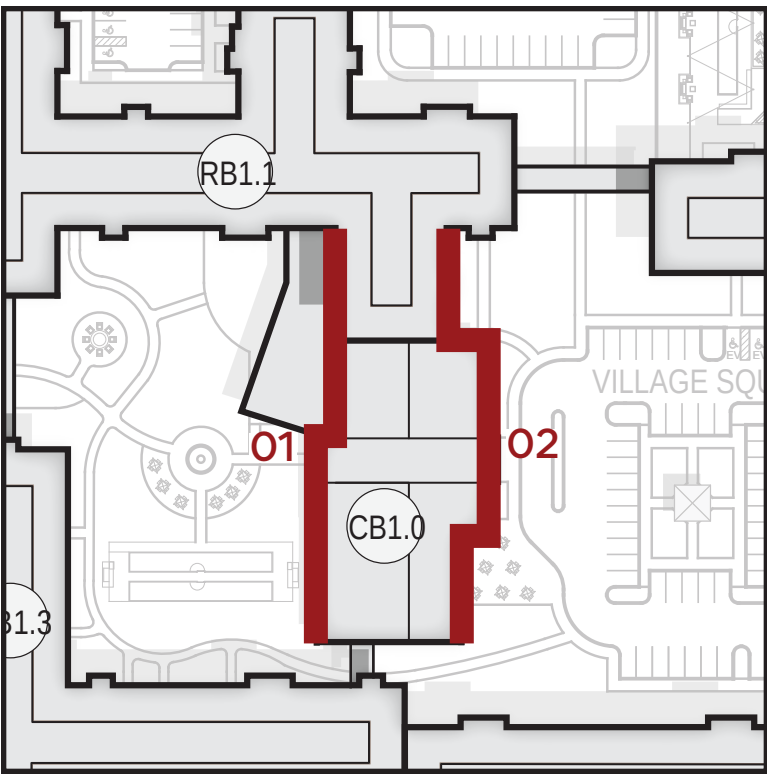
**02** / RB1.1 EAST ELEVATION 01  
SCALE: 1/8" = 1'



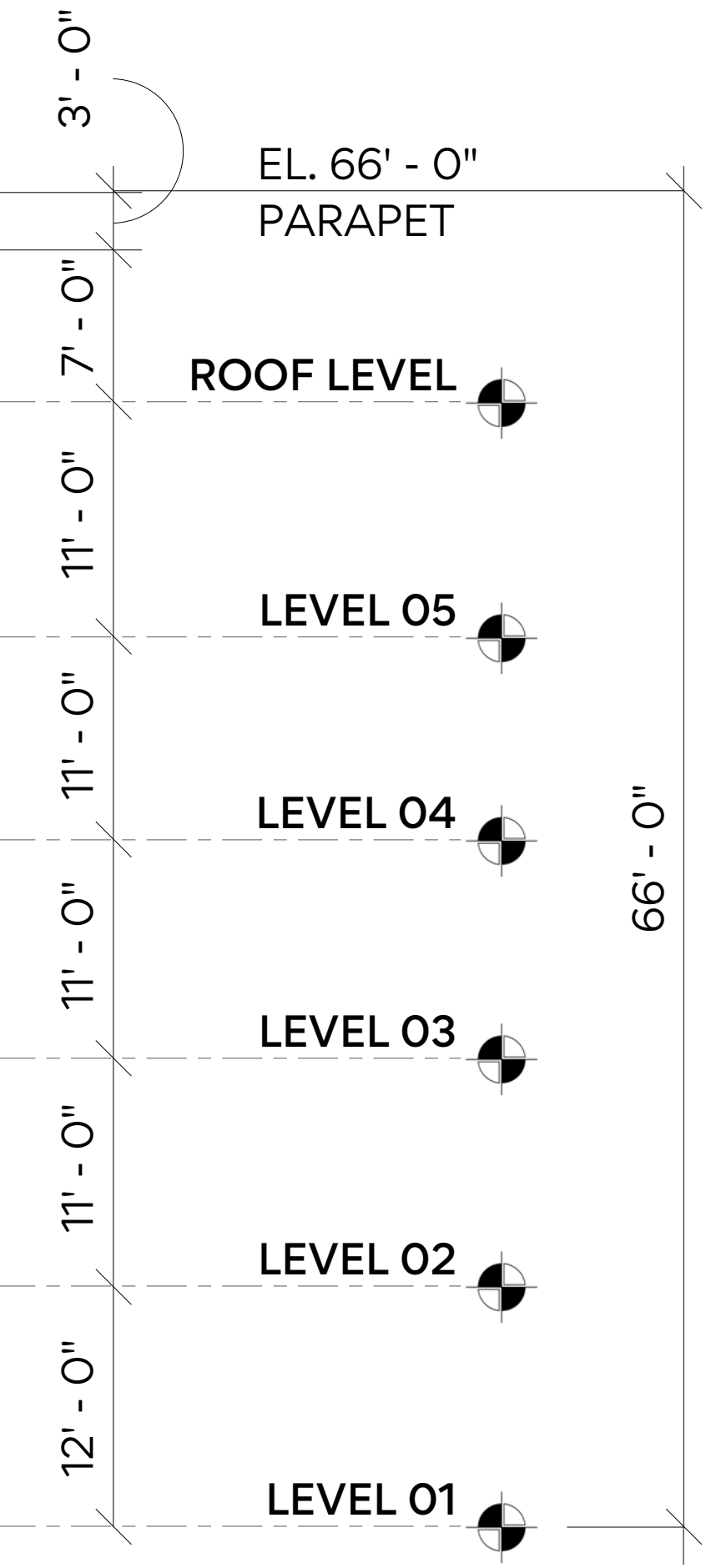
**03** / RB1.1 SOUTH ELEVATION 02  
SCALE: 1/8" = 1'





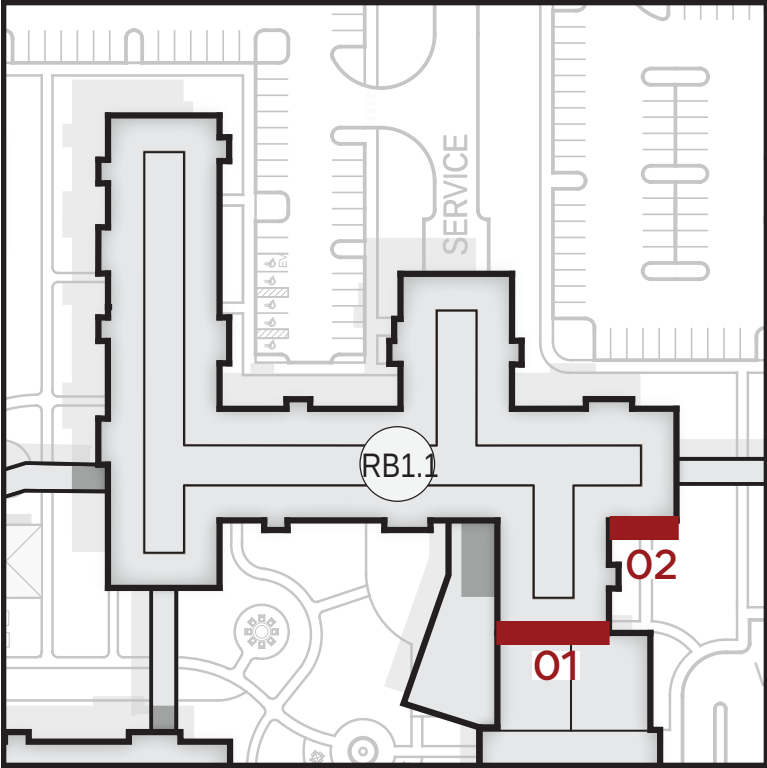


**01** / CB1.0 & RB1.1 - WEST ELEVATION  
SCALE: 1/8" = 1'

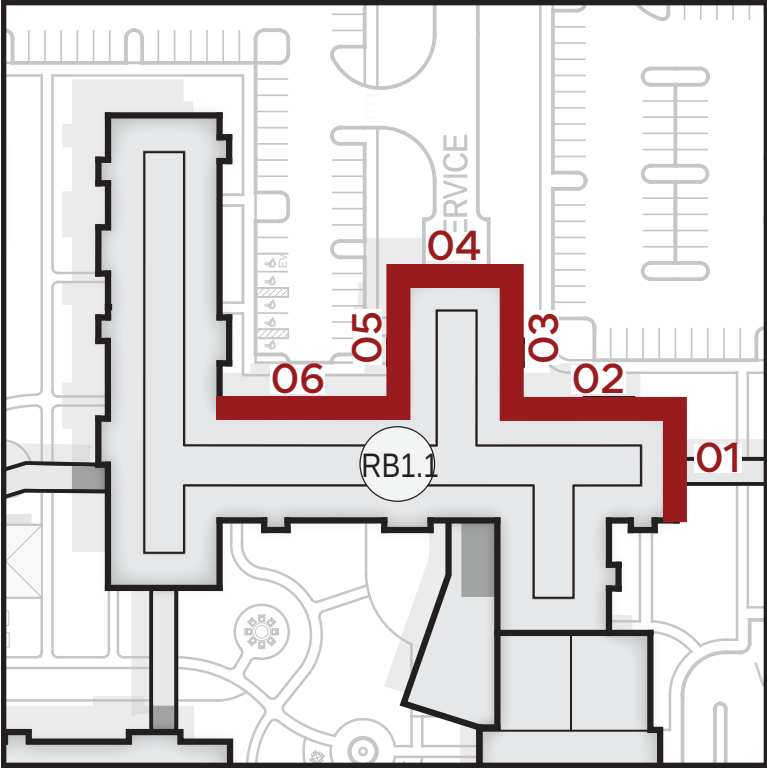


**02** / CB1.0 & RB1.1 - EAST ELEVATION  
SCALE: 1/8" = 1'









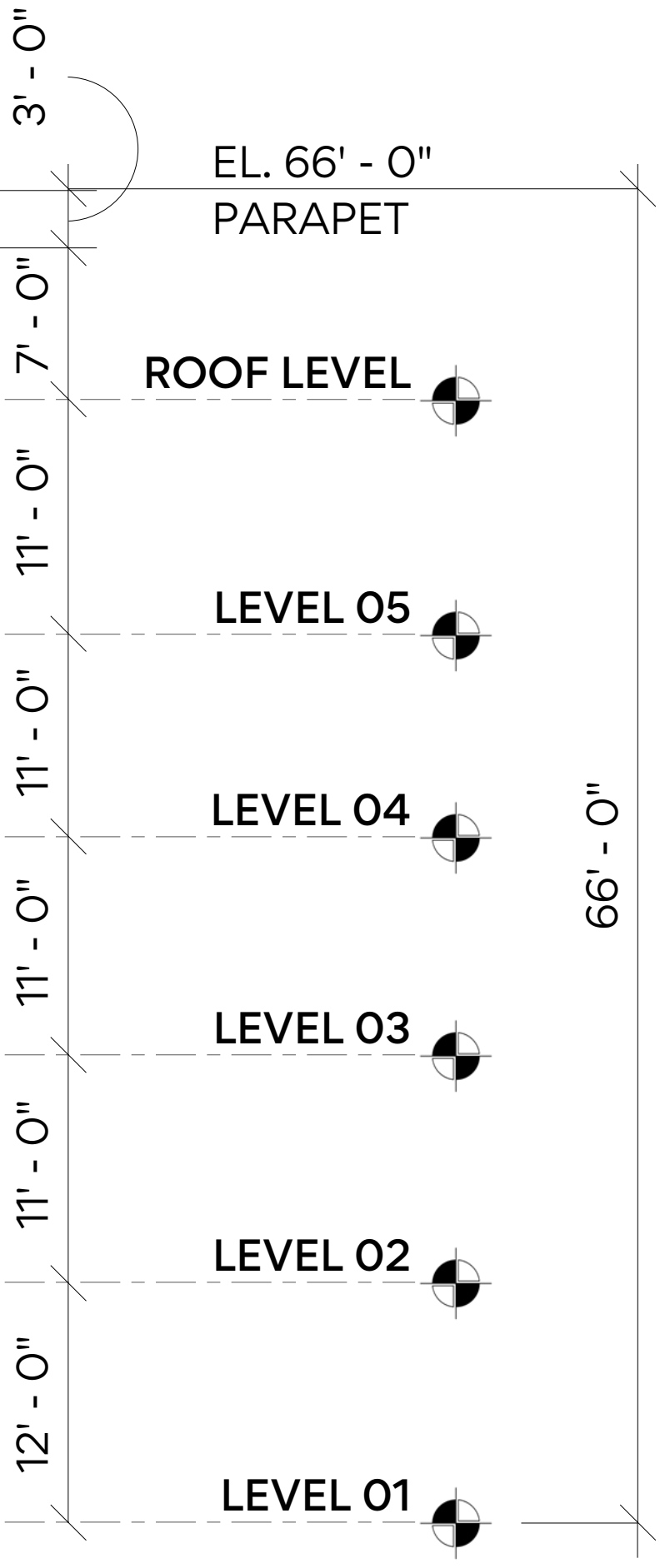
**01** / RB1.1 - EAST ELEVATION 02  
SCALE: 1/8" = 1'



**02** / RB1.1 - NORTH ELEVATION 01  
SCALE: 1/8" = 1'



**03** / RB1.1 - EAST ELEVATION 03  
SCALE: 1/8" = 1'



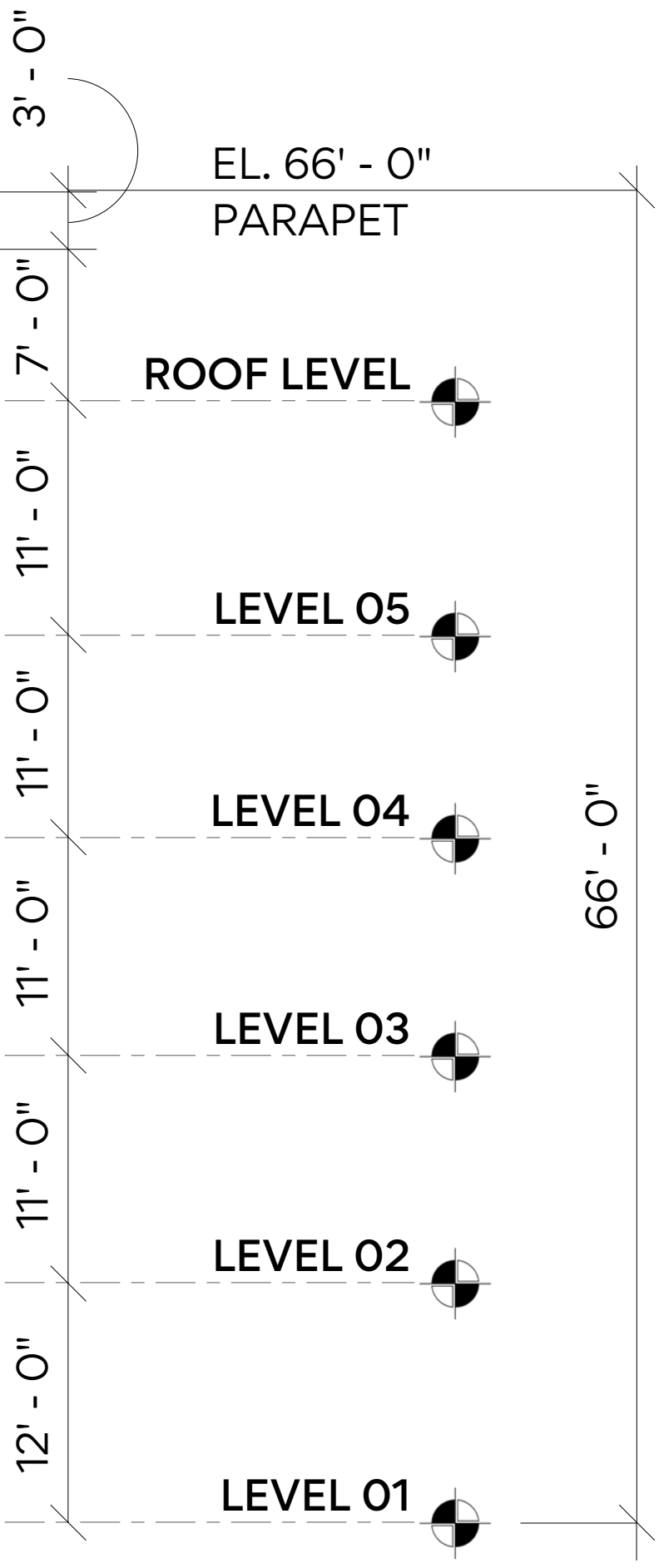
**04** / RB1.1 - NORTH ELEVATION 02  
SCALE: 1/8" = 1'



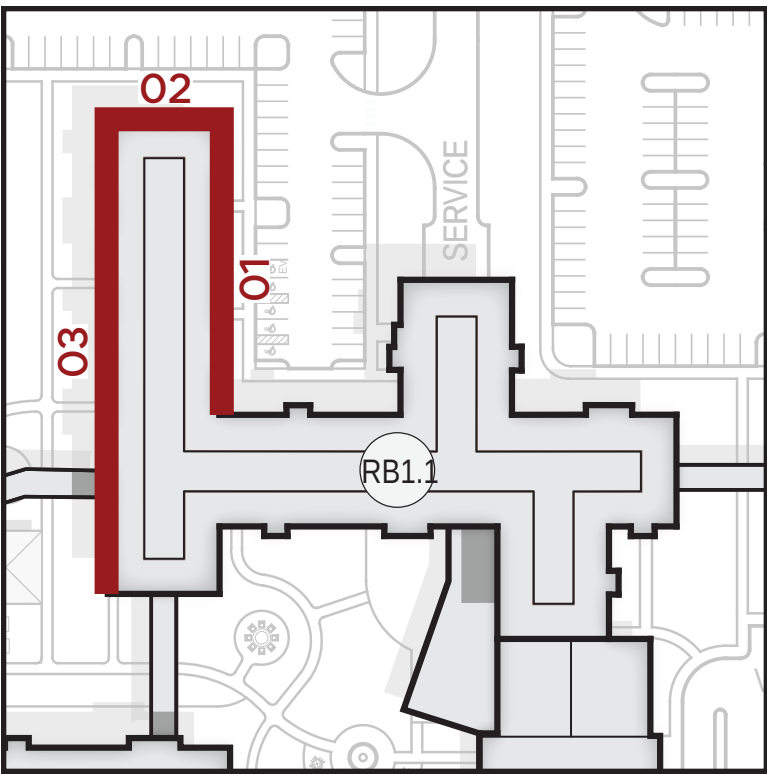
**05** / RB1.1 - WEST ELEVATION 02  
SCALE: 1/8" = 1'



**06** / RB1.1 - NORTH ELEVATION 03  
SCALE: 1/8" = 1'



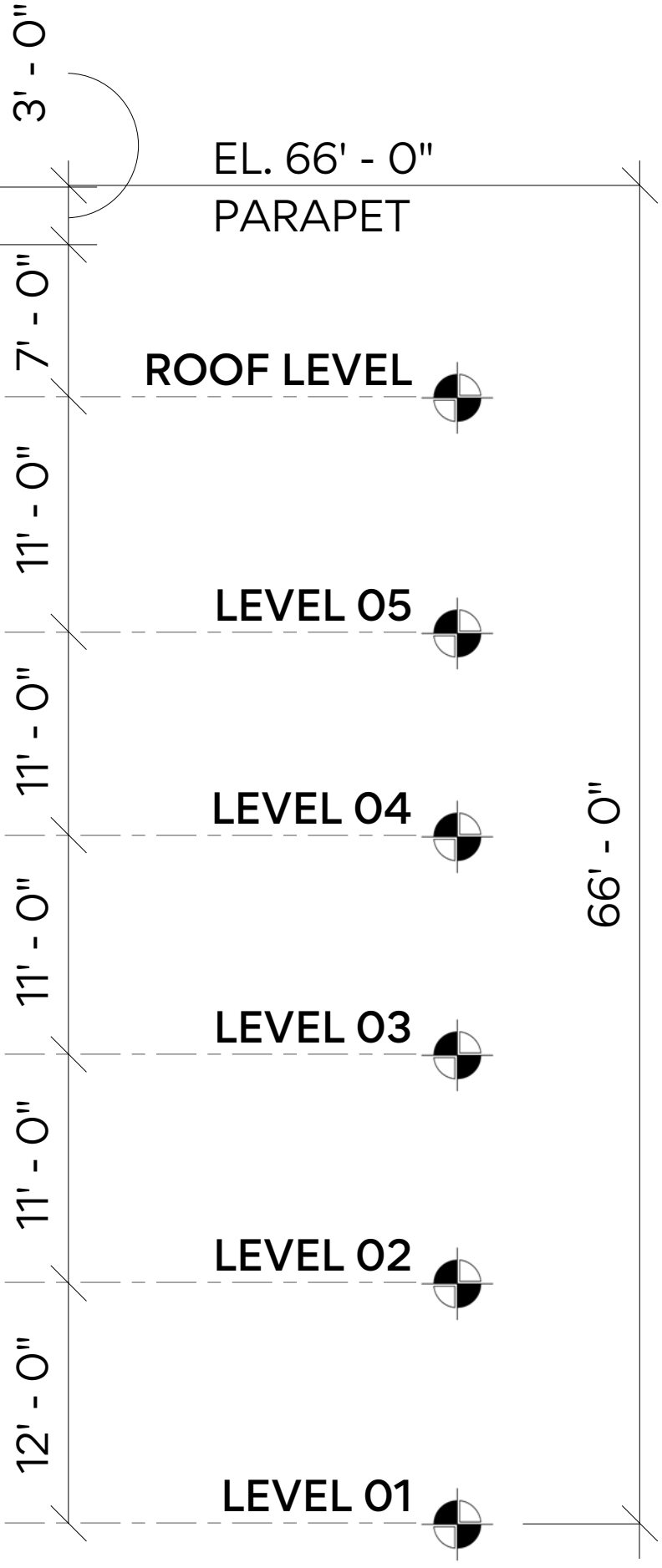




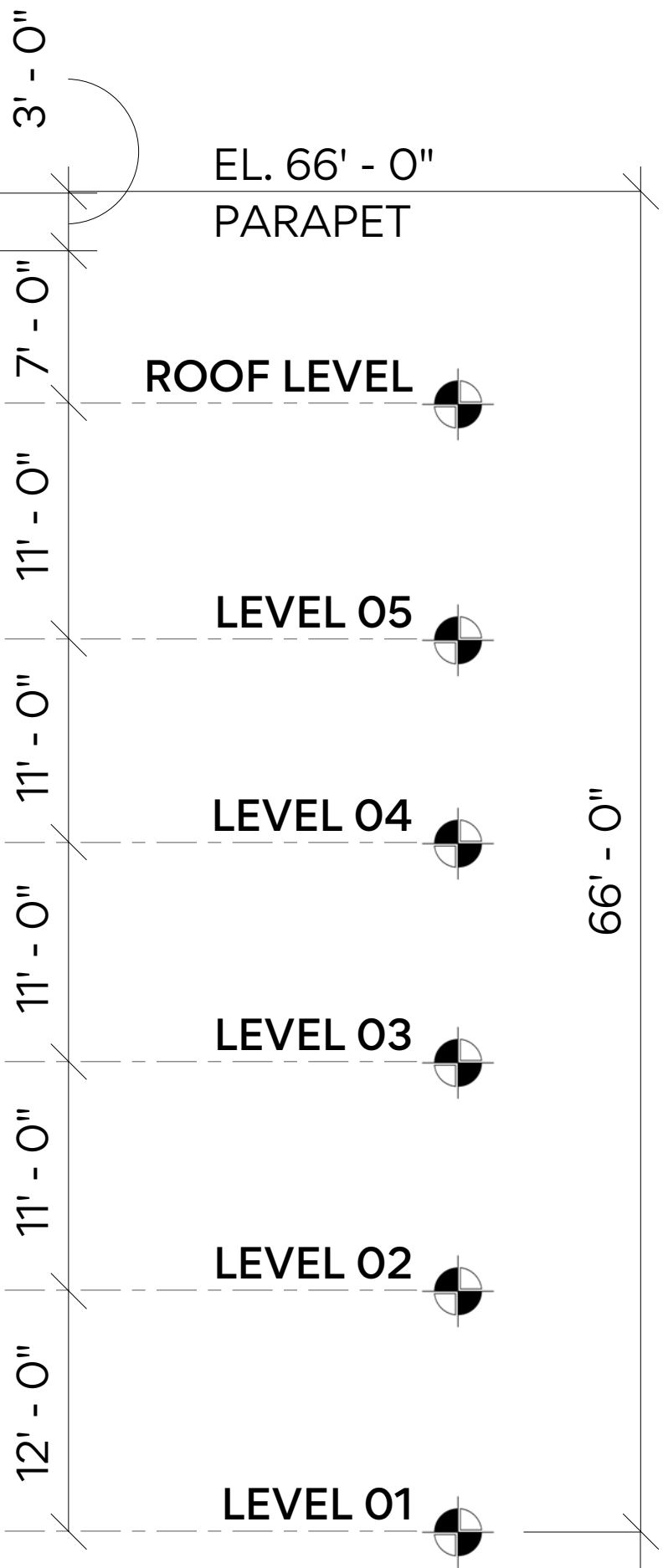
01 / RB1.1 - EAST ELEVATION 04  
SCALE: 1/8" = 1'



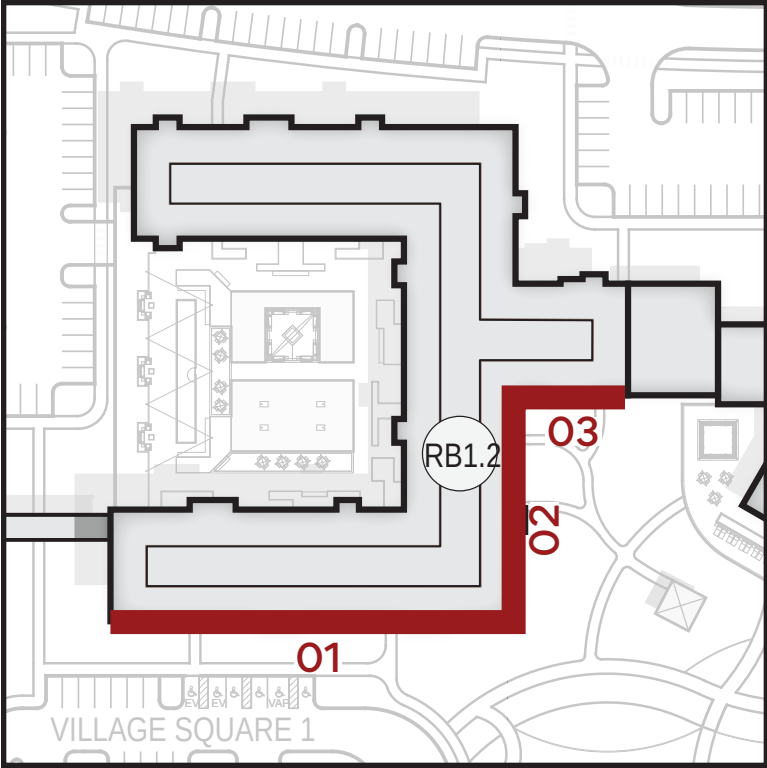
02 / RB1.1 - EAST ELEVATION 04  
SCALE: 1/8" = 1'



03 / RB1.1 - WEST ELEVATION 04  
SCALE: 1/8" = 1'







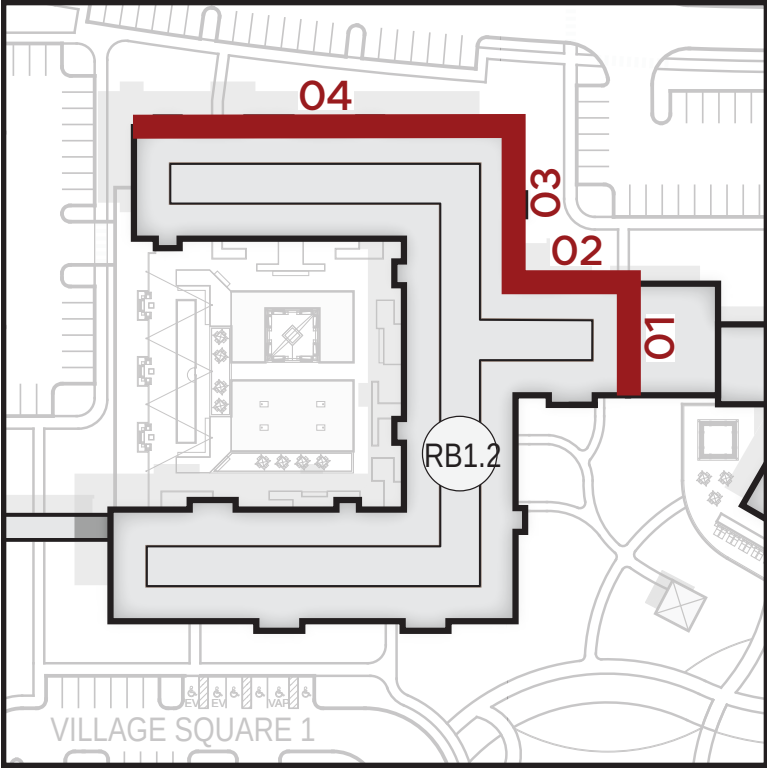
**01** / RB1.2 - SOUTH ELEVATION 01  
SCALE: 1/8" = 1'



**03** / RB1.2 - EAST ELEVATION 01  
SCALE: 1/8" = 1'

**02** / RB1.2 - SOUTH ELEVATION 02  
SCALE: 1/8" = 1'





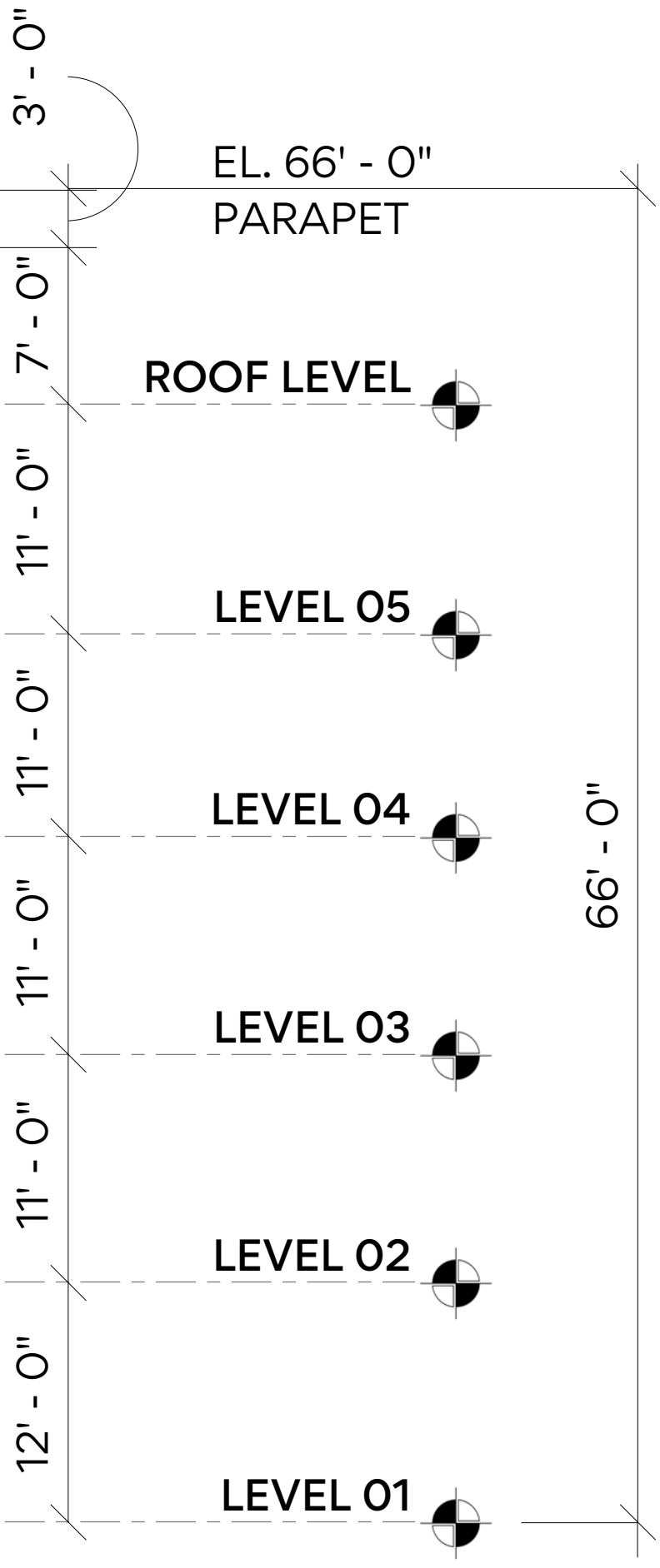
**01** / RB1.2 - EAST ELEVATION 02  
SCALE: 1/8" = 1'



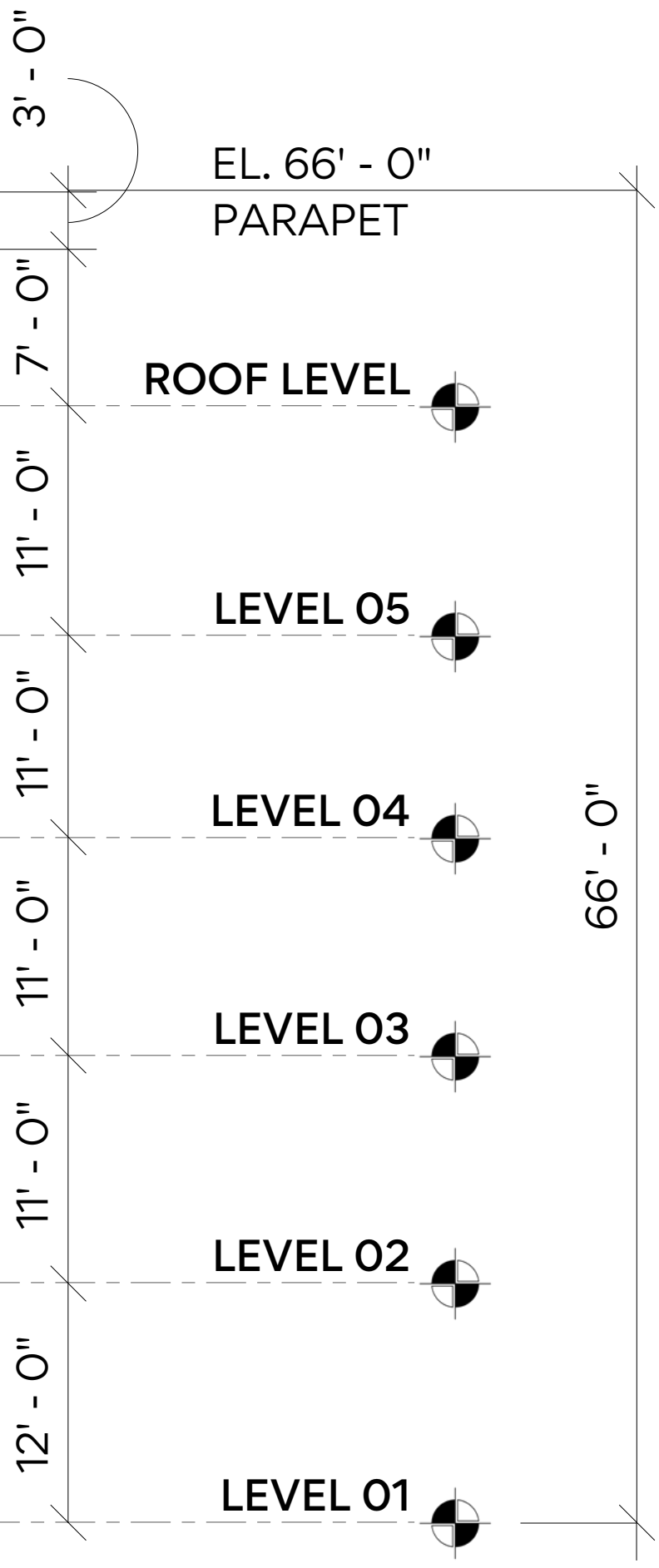
**02** / RB1.2 - NORTH ELEVATION 01  
SCALE: 1/8" = 1'



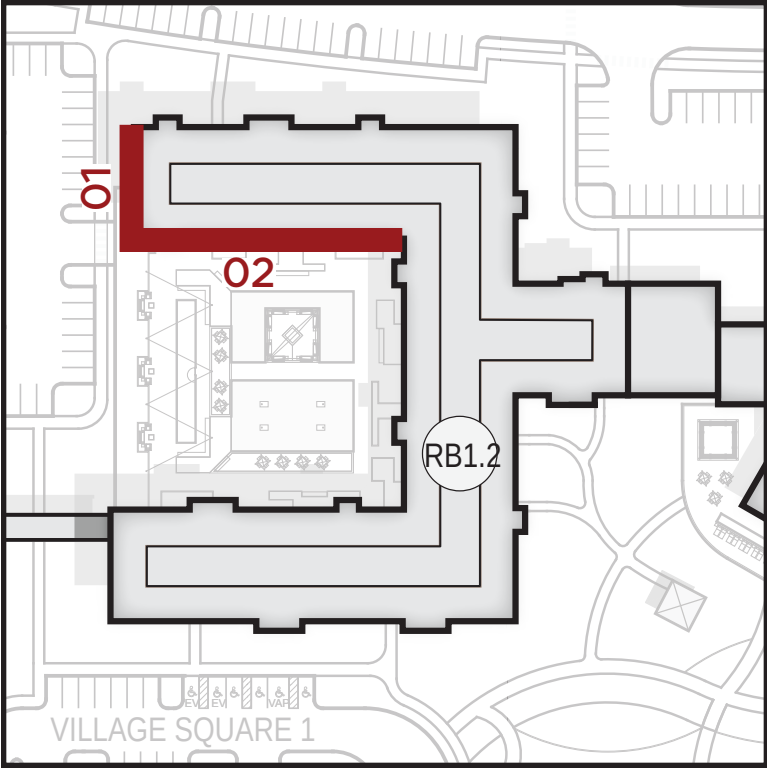
**03** / RB1.2 - EAST ELEVATION 03  
SCALE: 1/8" = 1'



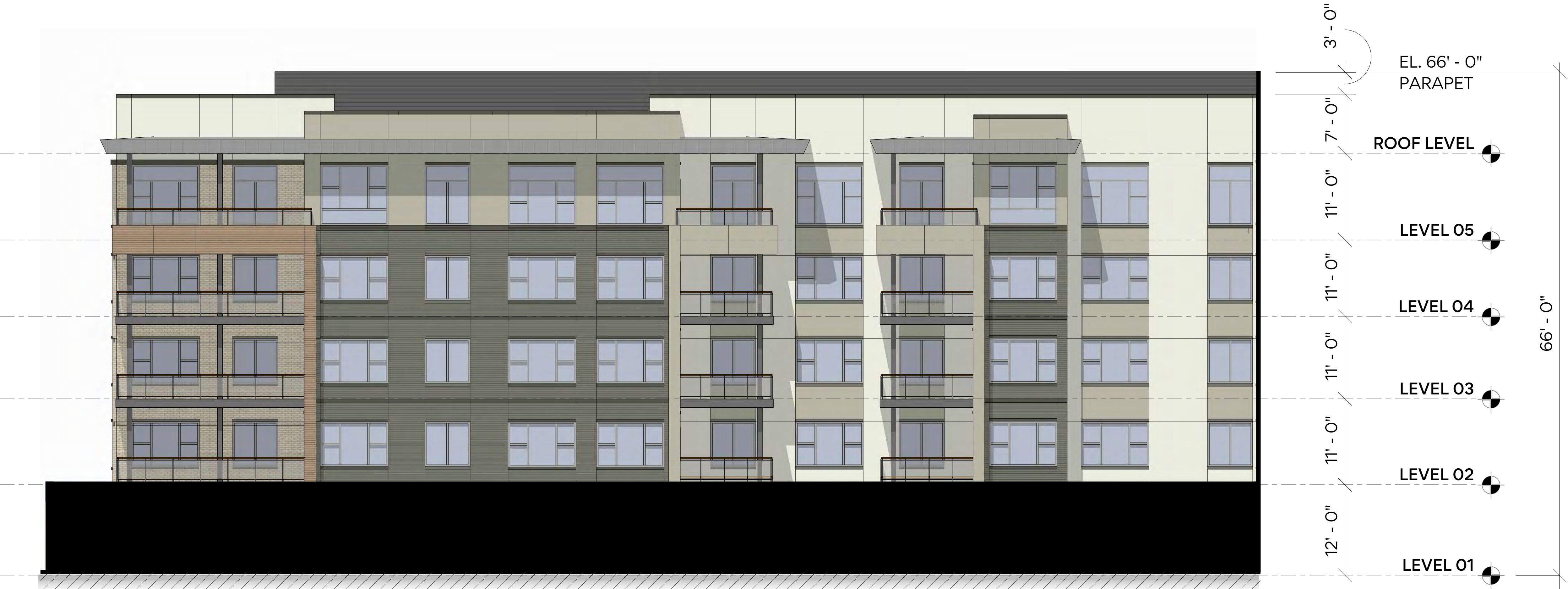
**04** / RB1.2 - NORTH ELEVATION 02  
SCALE: 1/8" = 1'







**01** / RB1.2 - WEST ELEVATION 01  
SCALE: 1/8" = 1'

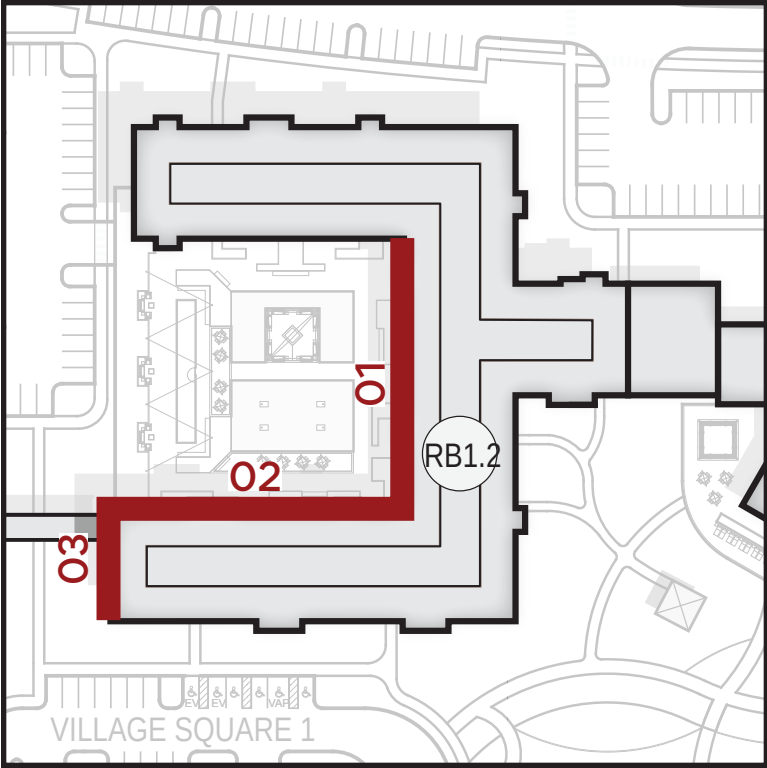


**02** / RB1.2 - SOUTH ELEVATION 03  
SCALE: 1/8" = 1'

EXTERIOR ELEVATIONS - RB1.2

ERICKSON SENIOR LIVING - WEST ROSEVILLE





**01** / RB1.2 - WEST ELEVATION 02  
SCALE: 1/8" = 1'

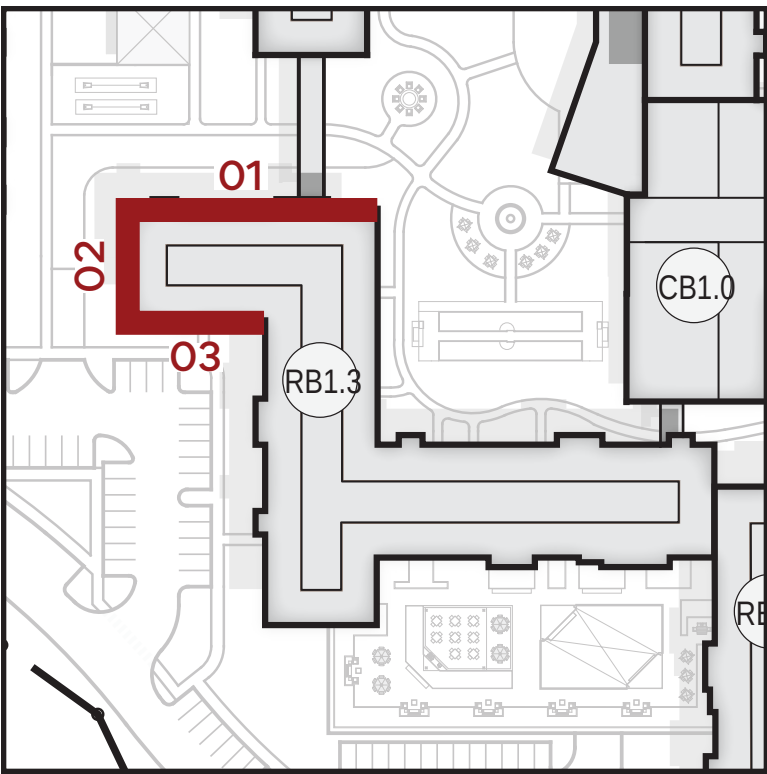


**02** / RB1.2 - NORTH ELEVATION 03  
SCALE: 1/8" = 1'



**03** / RB1.2 - WEST ELEVATION 03  
SCALE: 1/8" = 1'





**01** / RB1.3 - NORTH ELEVATION 01  
SCALE: 1/8" = 1'

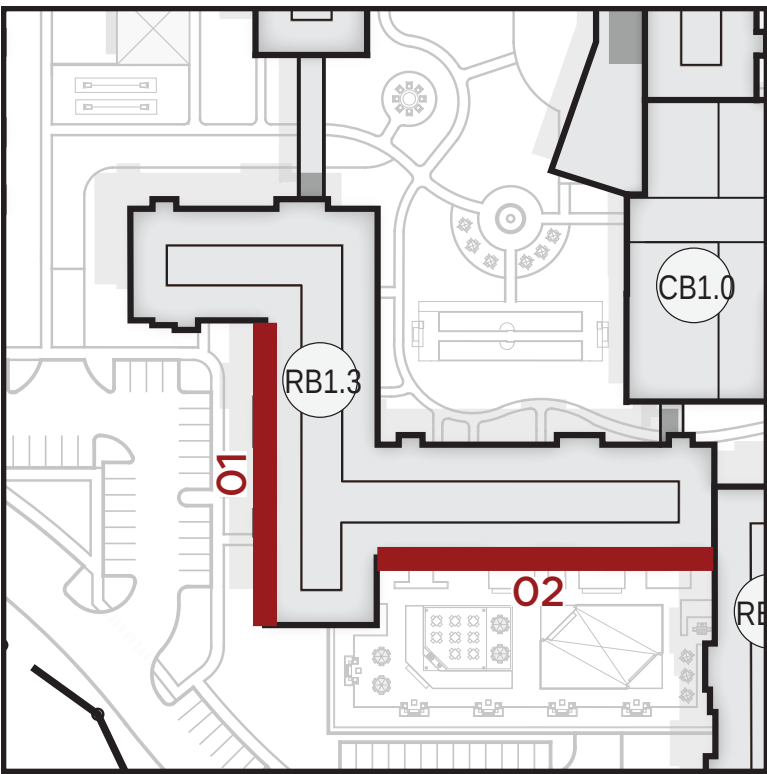


**02** / RB1.2 - WEST ELEVATION 02  
SCALE: 1/8" = 1'

**03** / RB1.2 - SOUTH ELEVATION 03  
SCALE: 1/8" = 1'

EXTERIOR ELEVATIONS - RB1.3



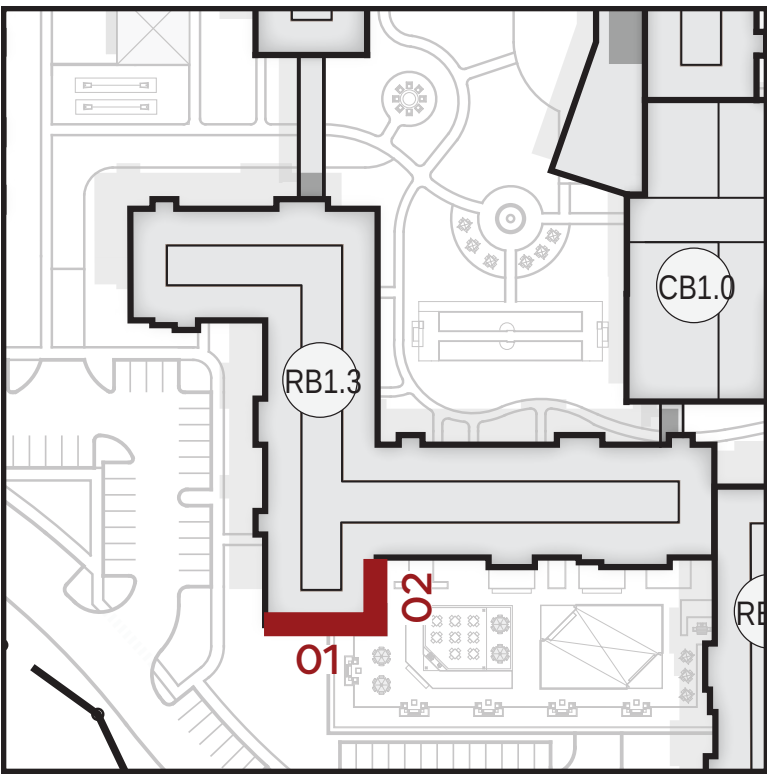


**01** / RB1.3 - WEST ELEVATION 01  
SCALE: 1/8" = 1'



**02** / RB1.2 - SOUTH ELEVATION 02  
SCALE: 1/8" = 1'

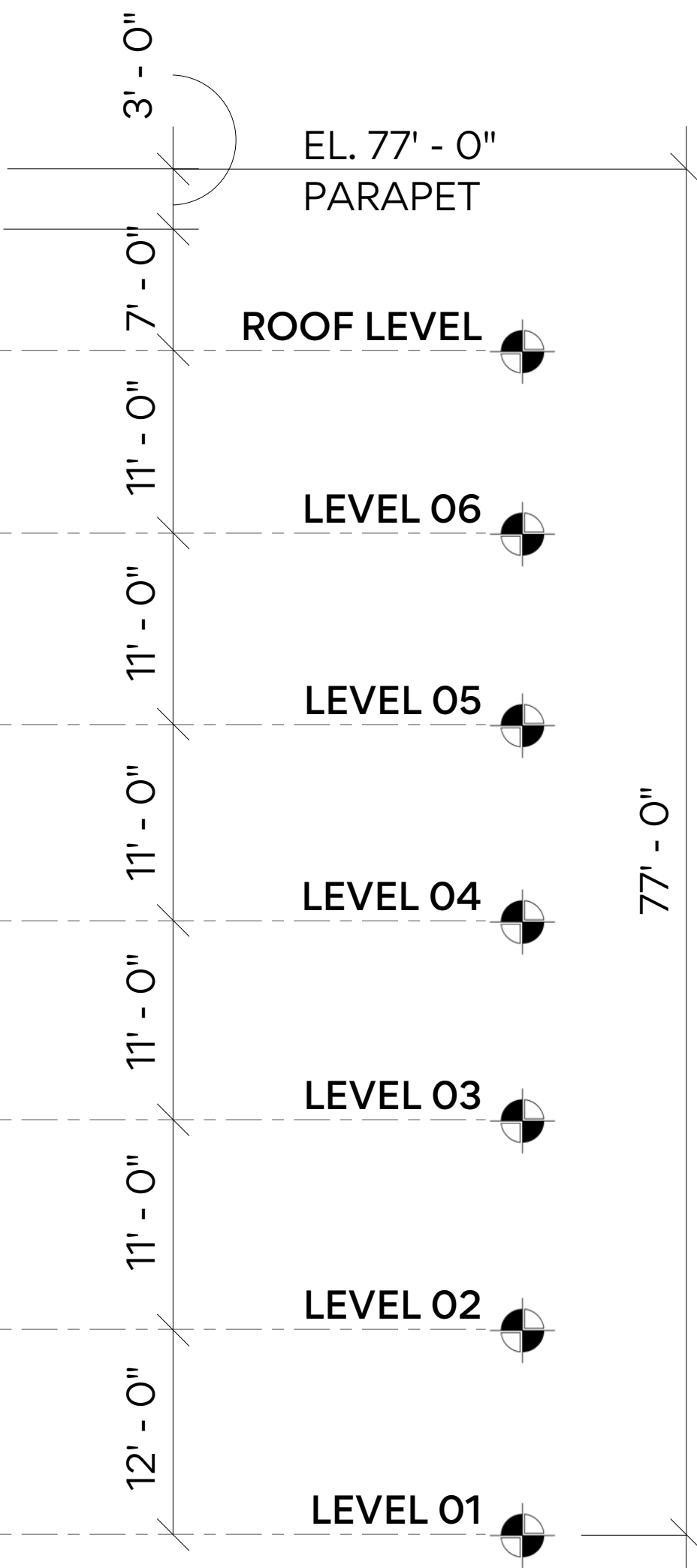




**01** / RB1.3 - SOUTH ELEVATION 01  
SCALE: 1/8" = 1'



**02** / RB1.3 - EAST ELEVATION 01  
SCALE: 1/8" = 1'

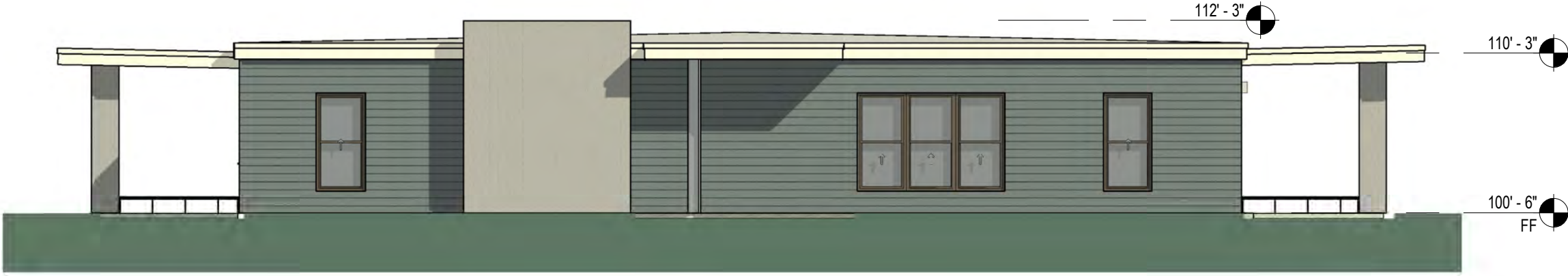






MARKETING CENTER NORTH ELEVATION

SCALE: 1/8" = 1'-0"



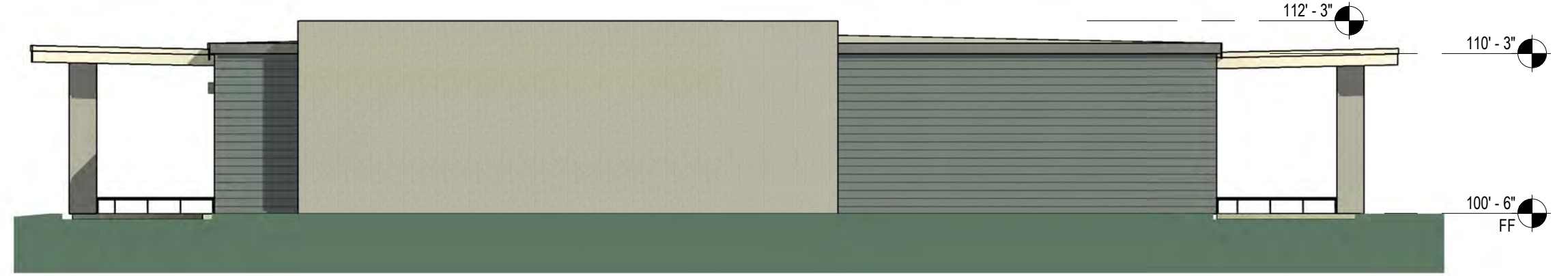
MARKETING CENTER EAST ELEVATION

SCALE: 1/8" = 1'-0"



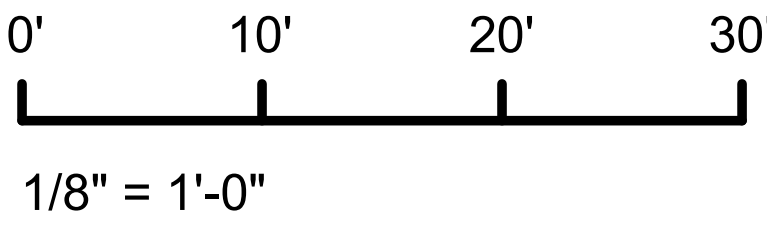
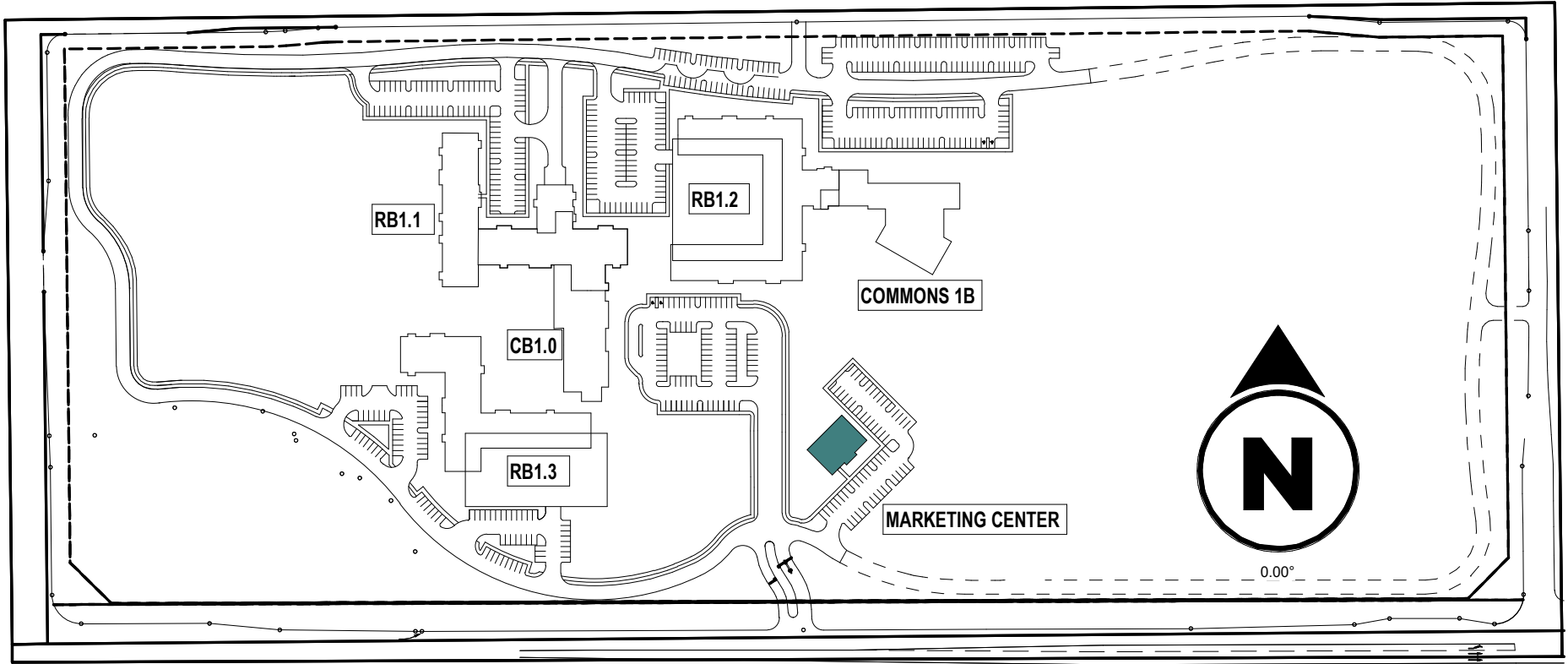
MARKETING CENTER SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

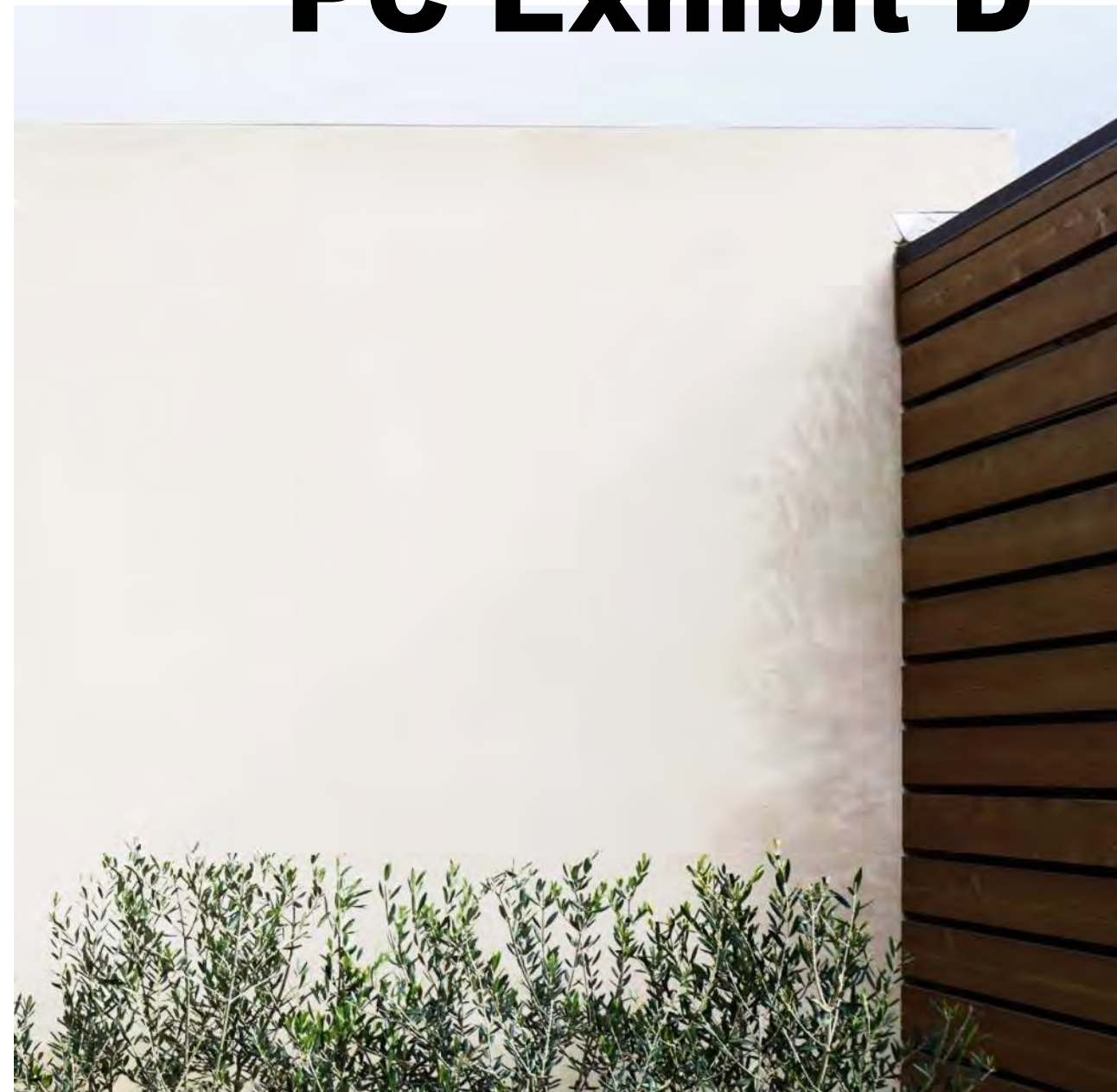
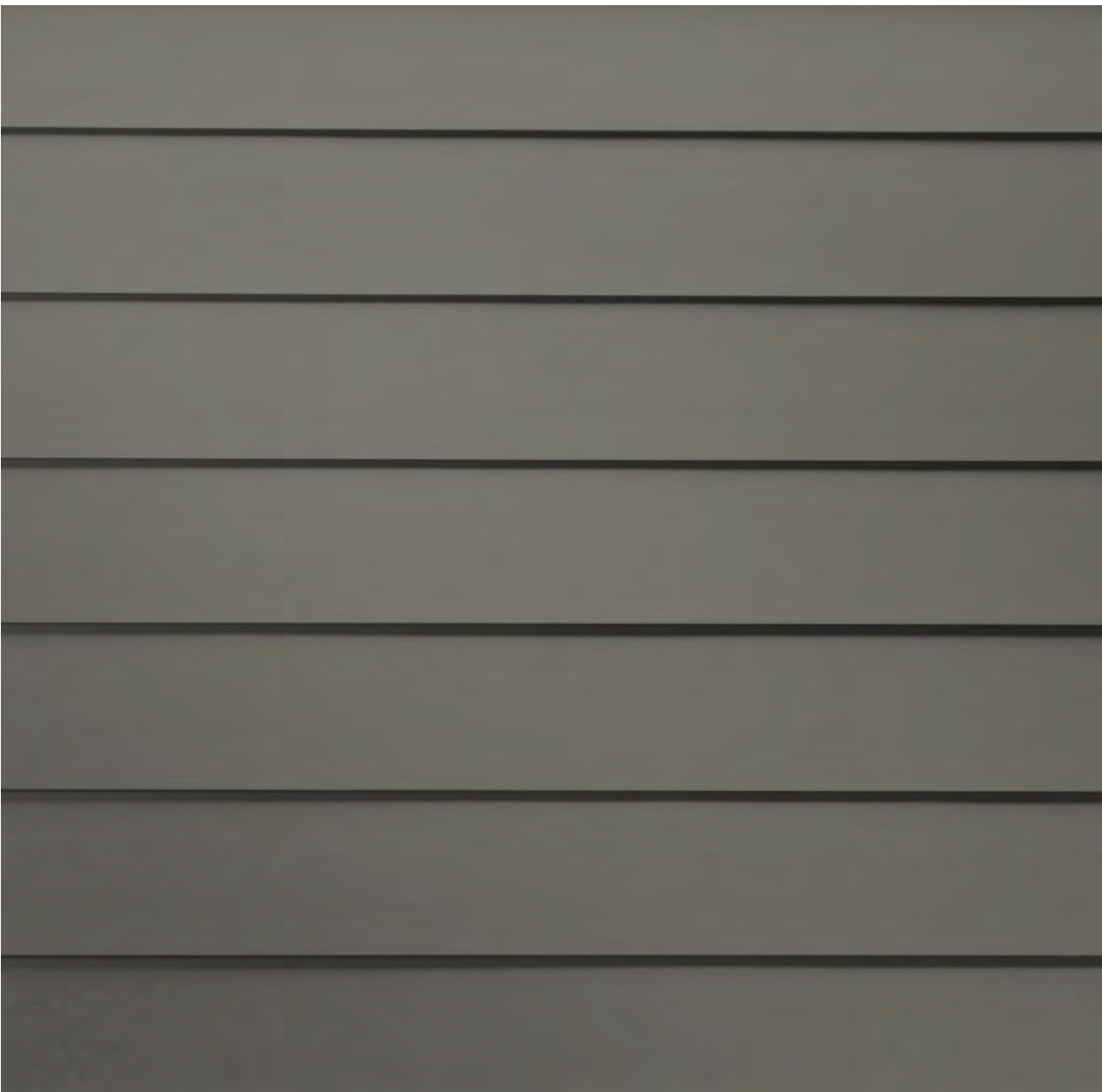


MARGETING CENTER WEST ELEVATION

SCALE: 1/8" = 1'-0"







FS-01  
**PLANK LAP SIDING**

FS-02  
**VERTICAL SIDING**

MA-01  
**STONE**

MA-02  
**BRICK**

MA-03  
**BRICK**

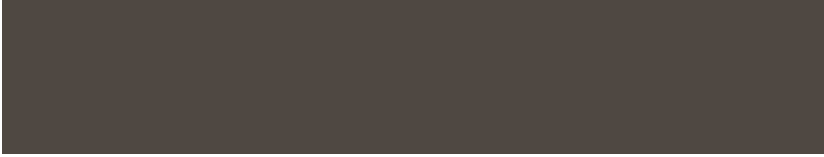
Designations Below  
**PAINTED STUCCO**

**TYPE:** Fiber-cement planks

**FINISH:** Smooth texture  
Manufacturer Primed for Paint  
SW 6201 Thunderous or sim.



Window trim + accent trim:  
SW 7020 Black Fox or sim.



**TYPE:** Fiber-cement panel siding in vertical format  
Window trim + accent trim to match

**FINISH:** Cedar texture  
Painted  
SW 2848 Roycroft Pewter or sim.



**TYPE:** Manufactured Stone Veneer  
Corner units Required  
Sill/Cap Stone where Required

**FINISH:** Hewn  
Color as shown above or sim.

**TYPE:** Face Brick  
Modular, Norman, or Utility  
Cast Stone Sill/Cap where Required

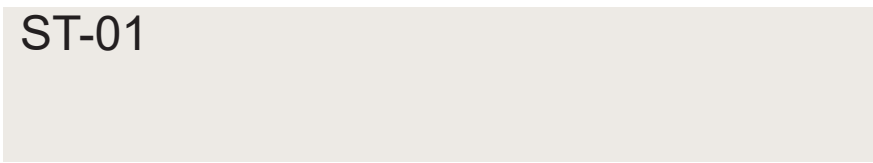
**FINISH:** Velour  
Color as shown above or sim.

**TYPE:** Face Brick  
Modular, Norman, or Utility  
Cast Stone Sill/Cap where Required

**FINISH:** Smooth  
Color as shown above or sim.

**TYPE:** Two-coat assembly over metal lathe

**FINISH:** Smooth  
SW 7004 Snowbound or sim.  
ST-01



**FINISH:** Smooth  
SW 7017 Dorian Gray or sim.  
ST-02



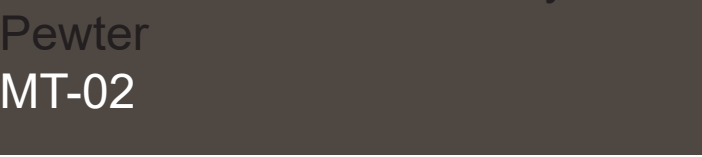
Designations Below  
**CANOPY MTL TRIM**

**TYPE:** Fascia Panel System

**FINISH:** SILVER METALLIC OR SIM.  
MT-01



Color Match SW 2848 Roycroft  
Pewter  
MT-02



MT-03  
**STANDING SEAM METAL ROOF**

**TYPE:** Concealed Fastening System

Matching color  
for all trim and accessories

**FINISH:** Pewter or sim.



WD-01  
**CANOPY WOOD-LIKE SOFFIT**

**TYPE:** Aluminum Fiber Cement board or Sim.  
Composite Panel System

**FINISH:** Western Red Cedar or Sim.



MR-01  
**PAINTED STEEL RAILING**

**TYPE:** High-temp baked enamel

**FINISH:** SW 2848 Roycroft Pewter or sim.



MR-02  
**WELDED WIRE STEEL RAILING**

**TYPE:** High-temp baked enamel

**FINISH:** SW 2848 Roycroft Pewter or sim.



W-01  
**FRAMED WINDOWS**

**TYPE:** Vinyl Framed Windows

**FINISH:** Medium gray exterior color



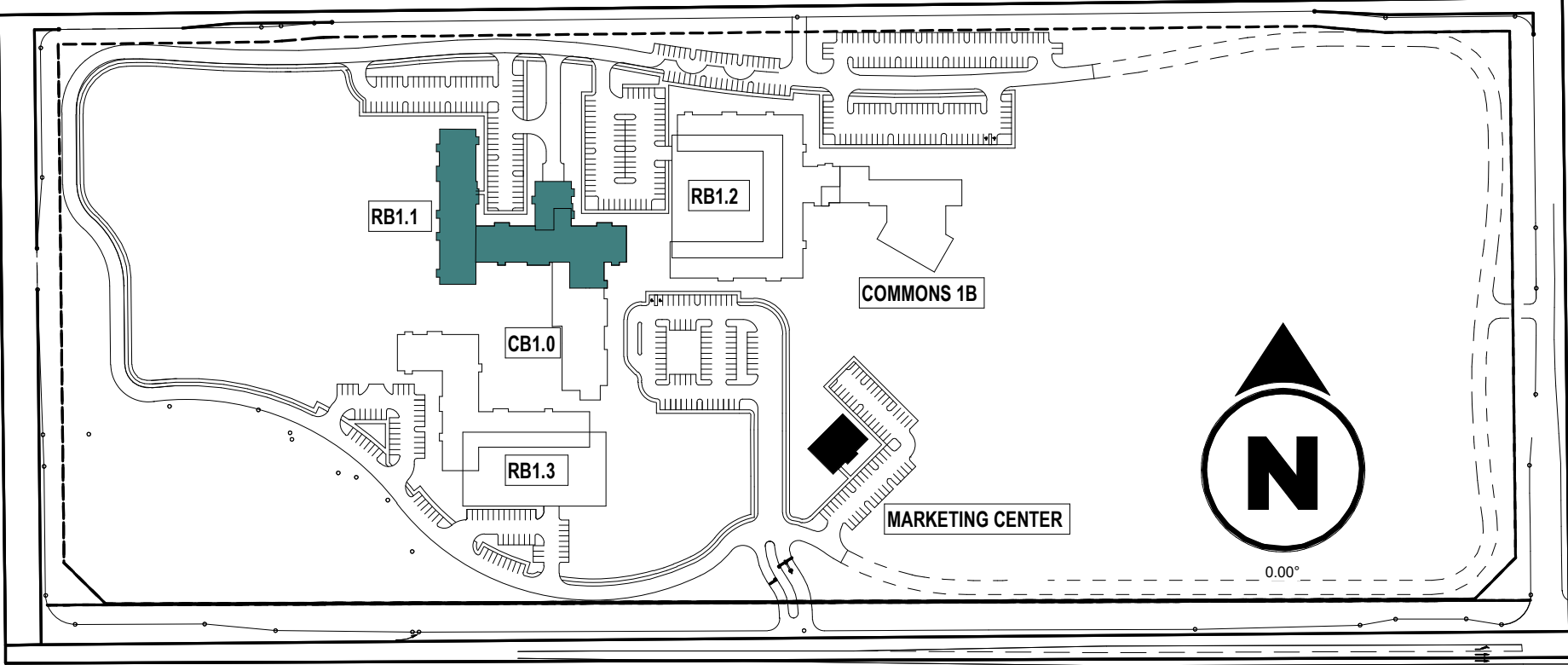
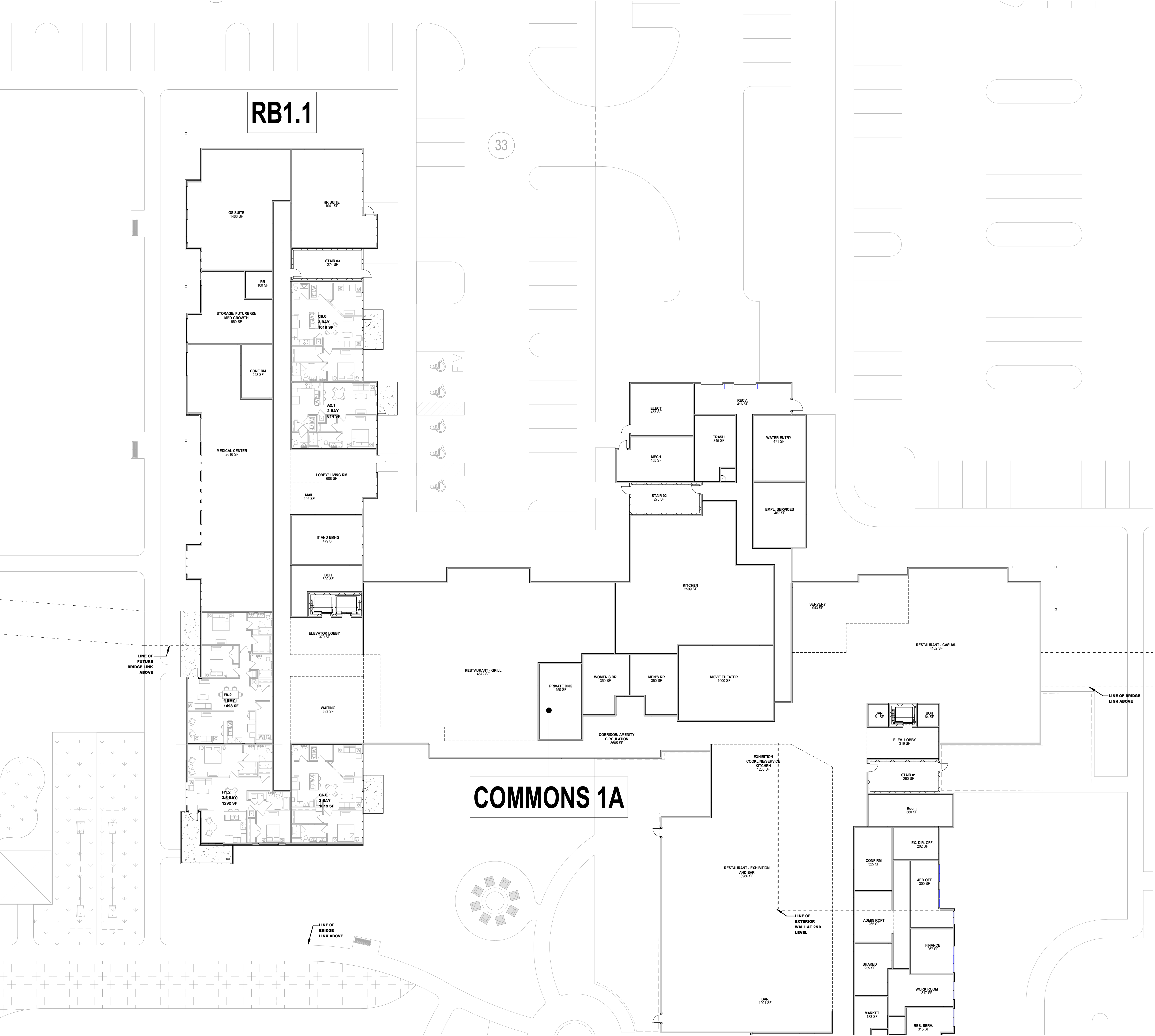
W-02  
**STOREFRONT WINDOWS**

**TYPE:** Aluminum mullion storefront glazing

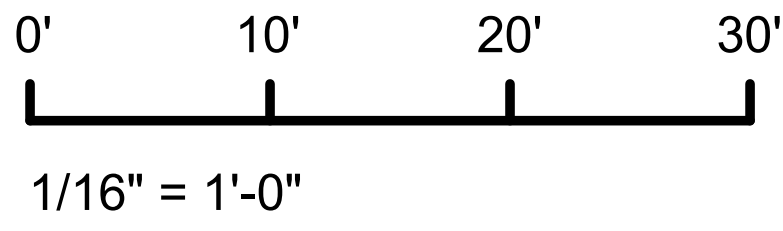
**FINISH:** Clear Anodized



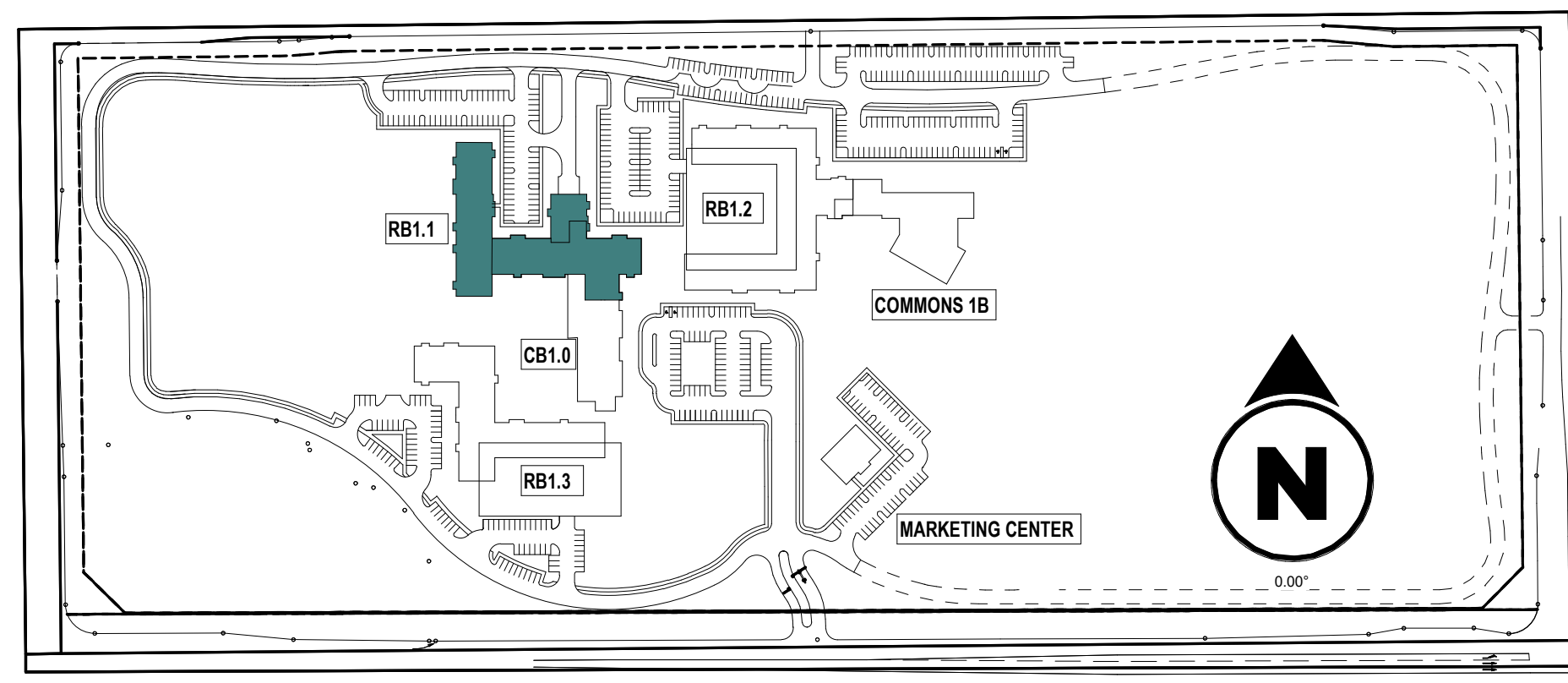




Erickson Senior Living Roseville  
MPP Stage 2 Floor Plan - RB1.1 Ground Level  
Sierra Vista, West Roseville, CA

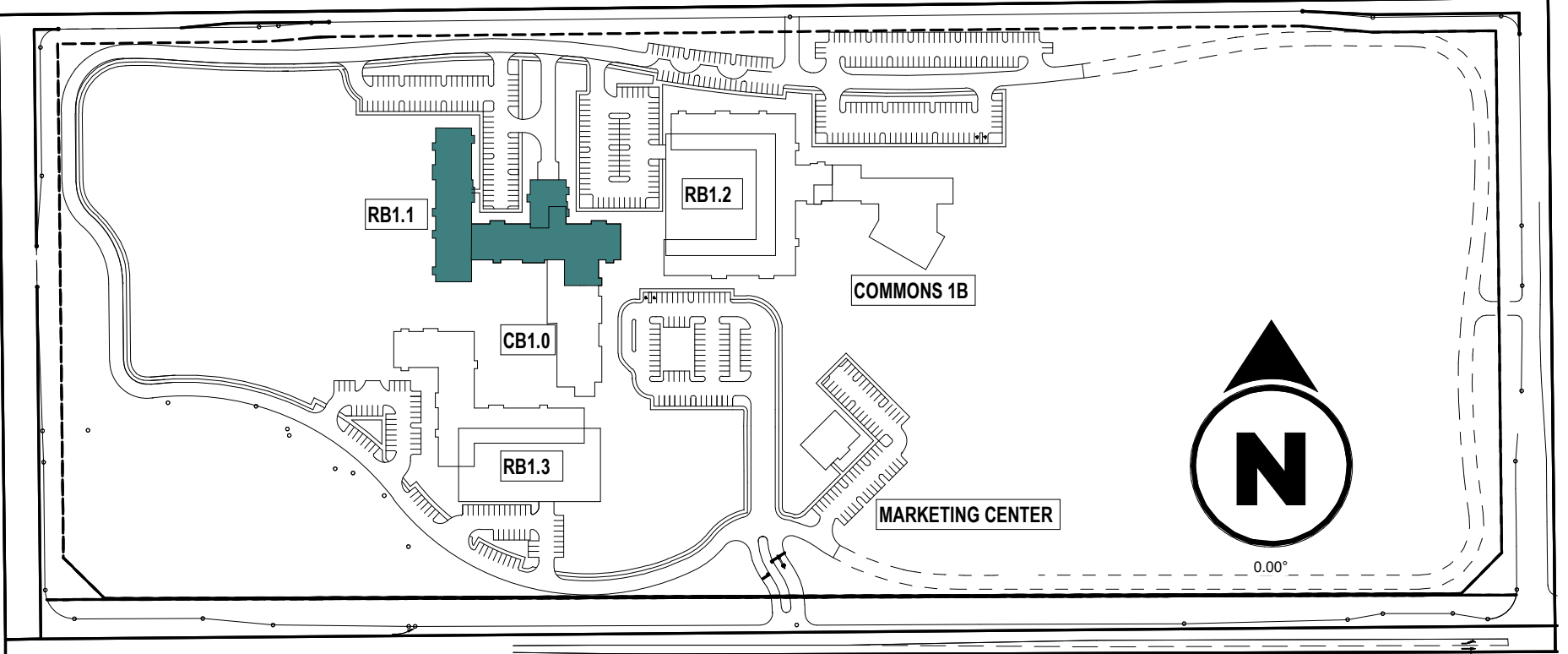






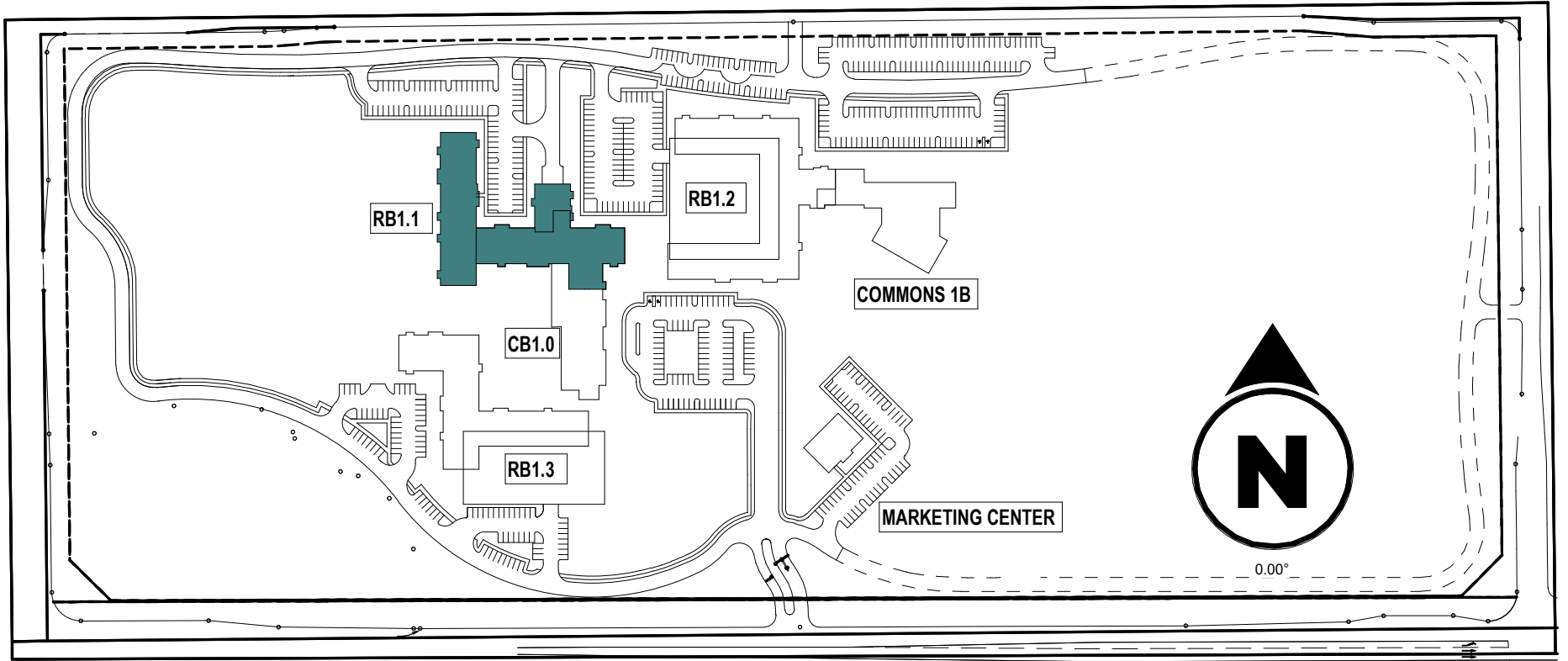
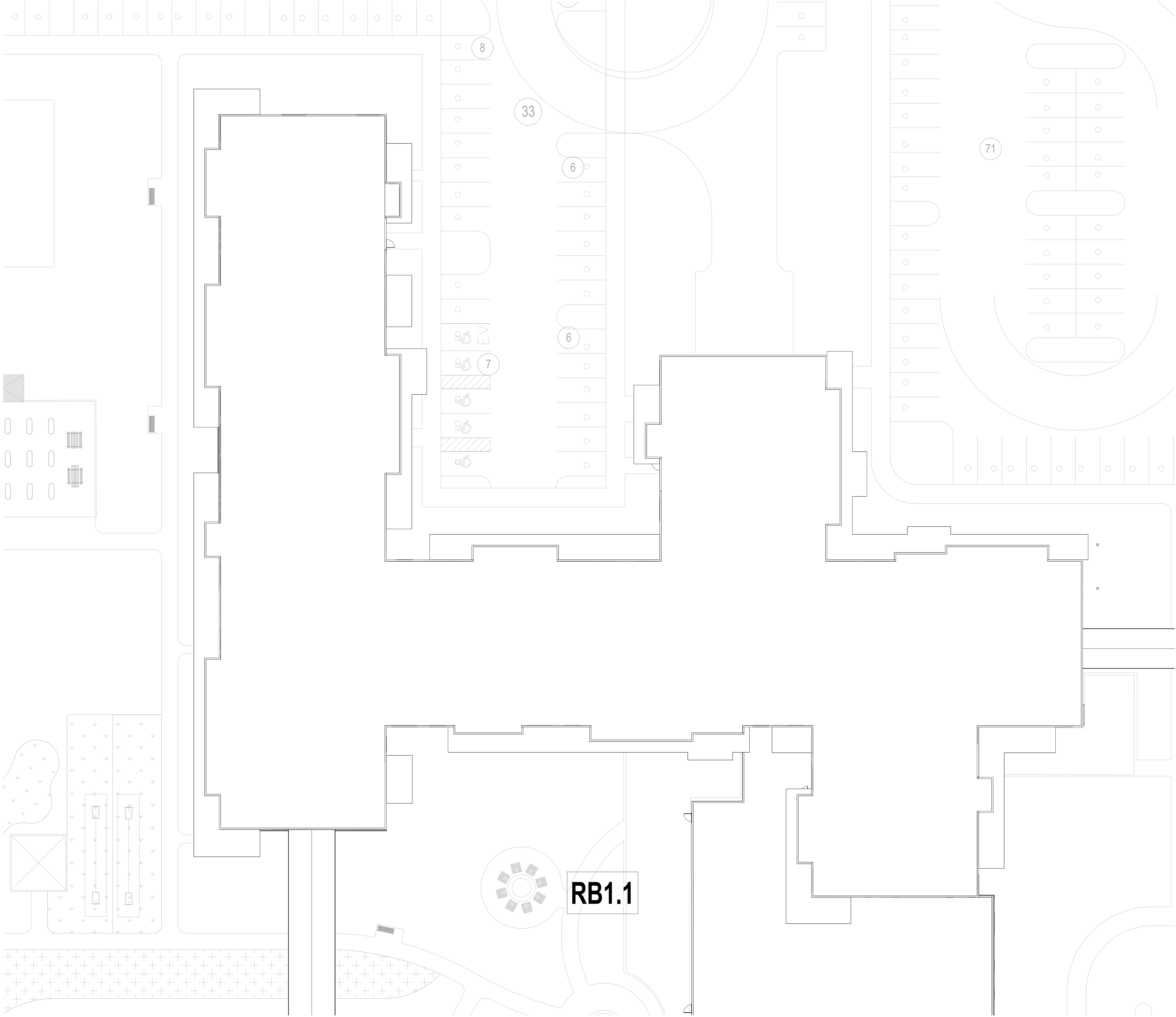
Erickson Senior Living Roseville  
MPP Stage 2 Floor Plan - RB1.1 Second Level  
Sierra Vista, West Roseville, CA



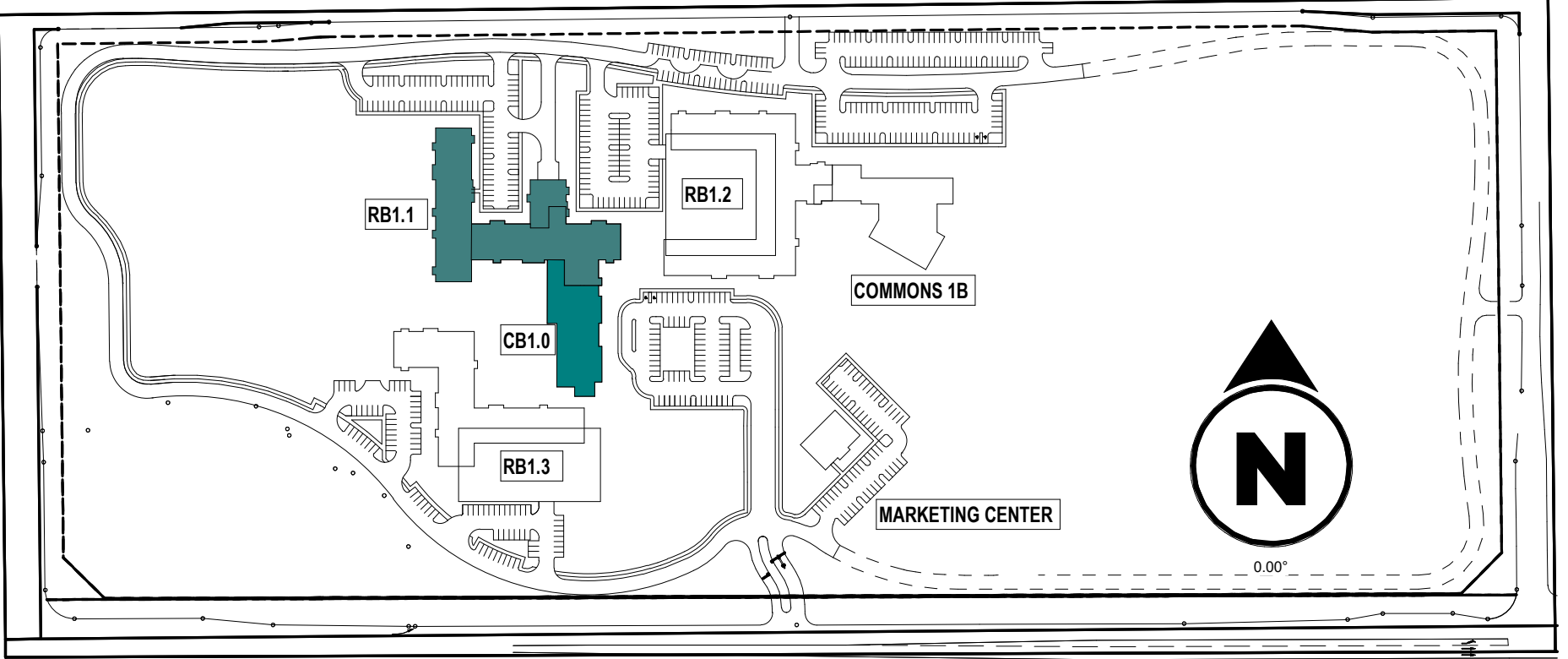
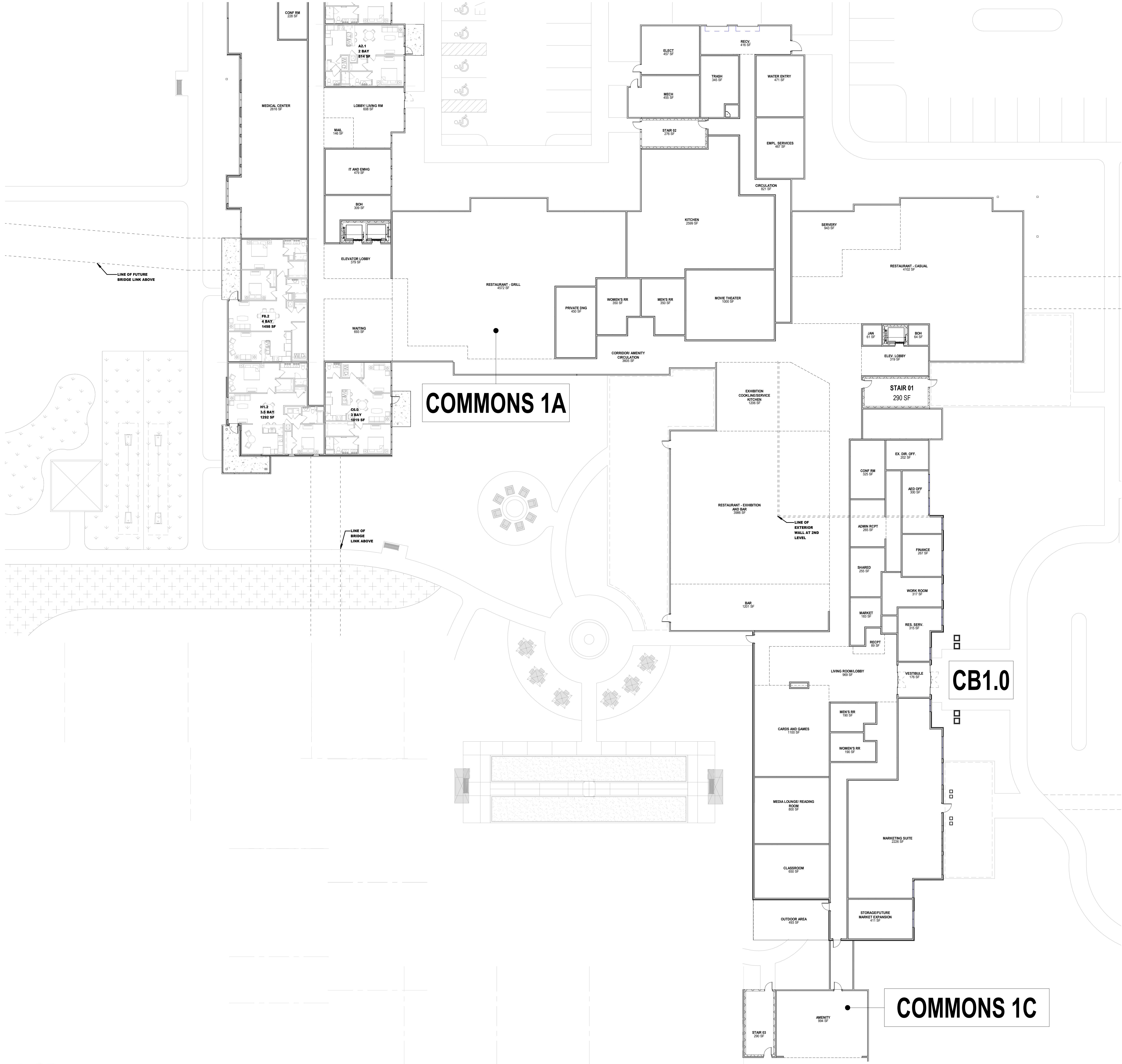


Erickson Senior Living Roseville  
MPP Stage 2 Floor Plan - RB1.1 Third-Fifth Level  
Sierra Vista, West Roseville, CA

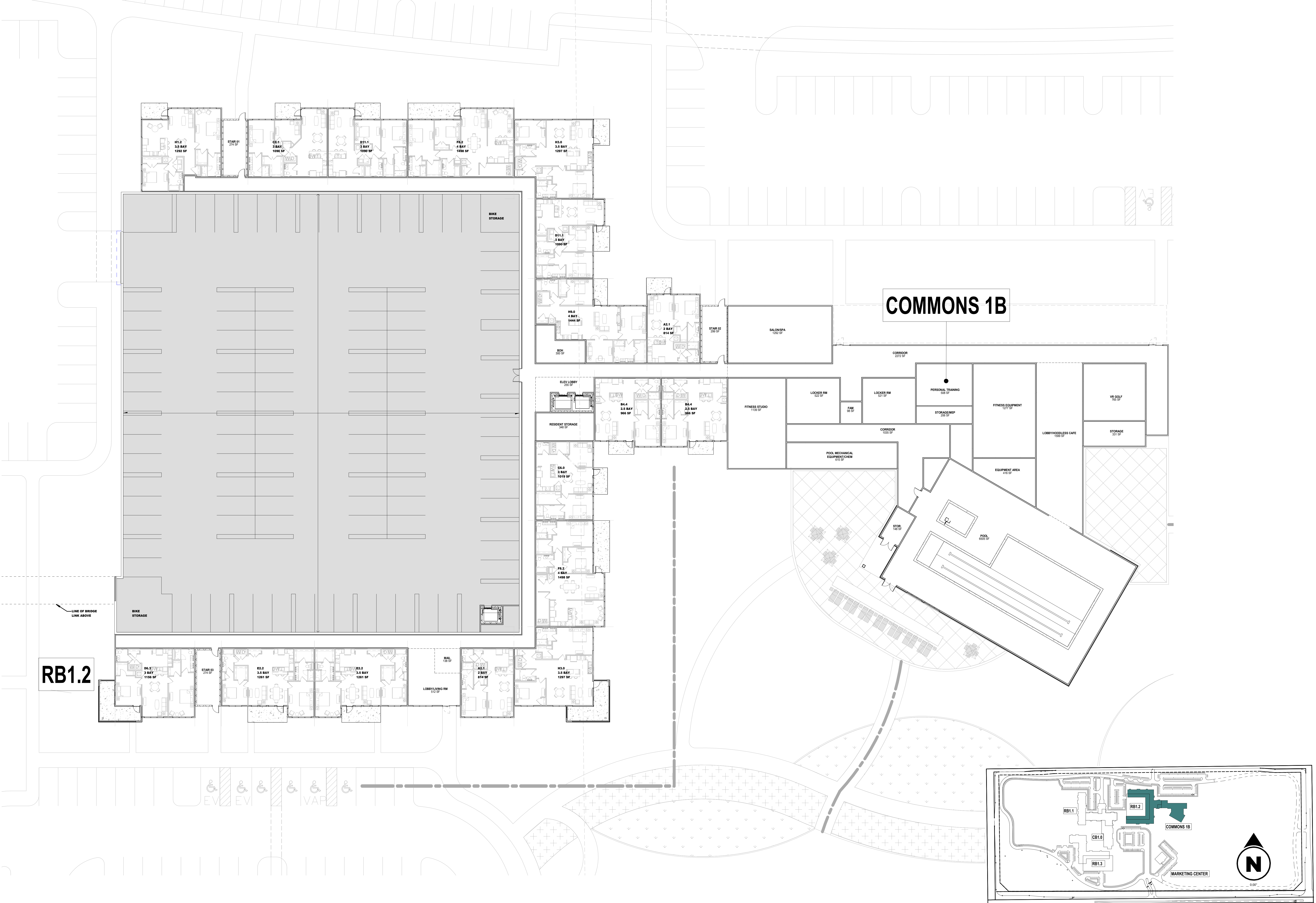










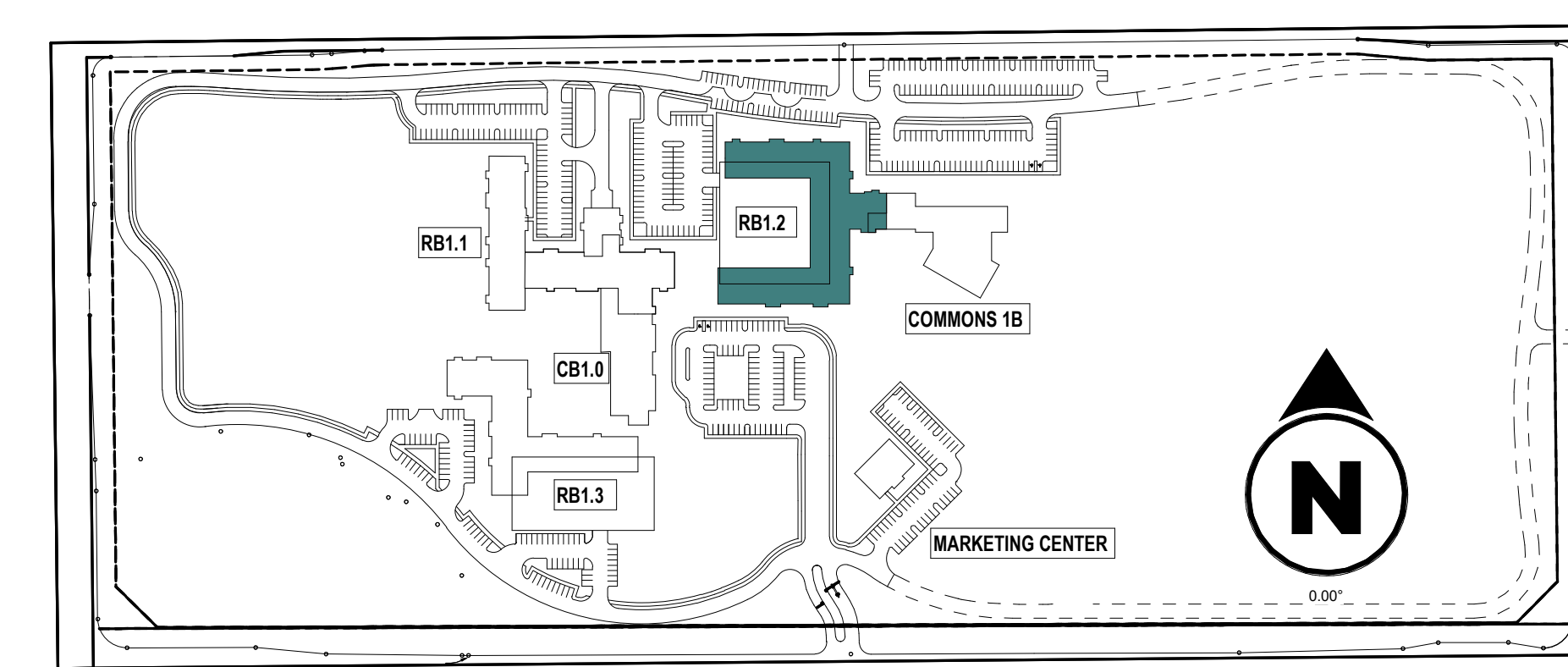
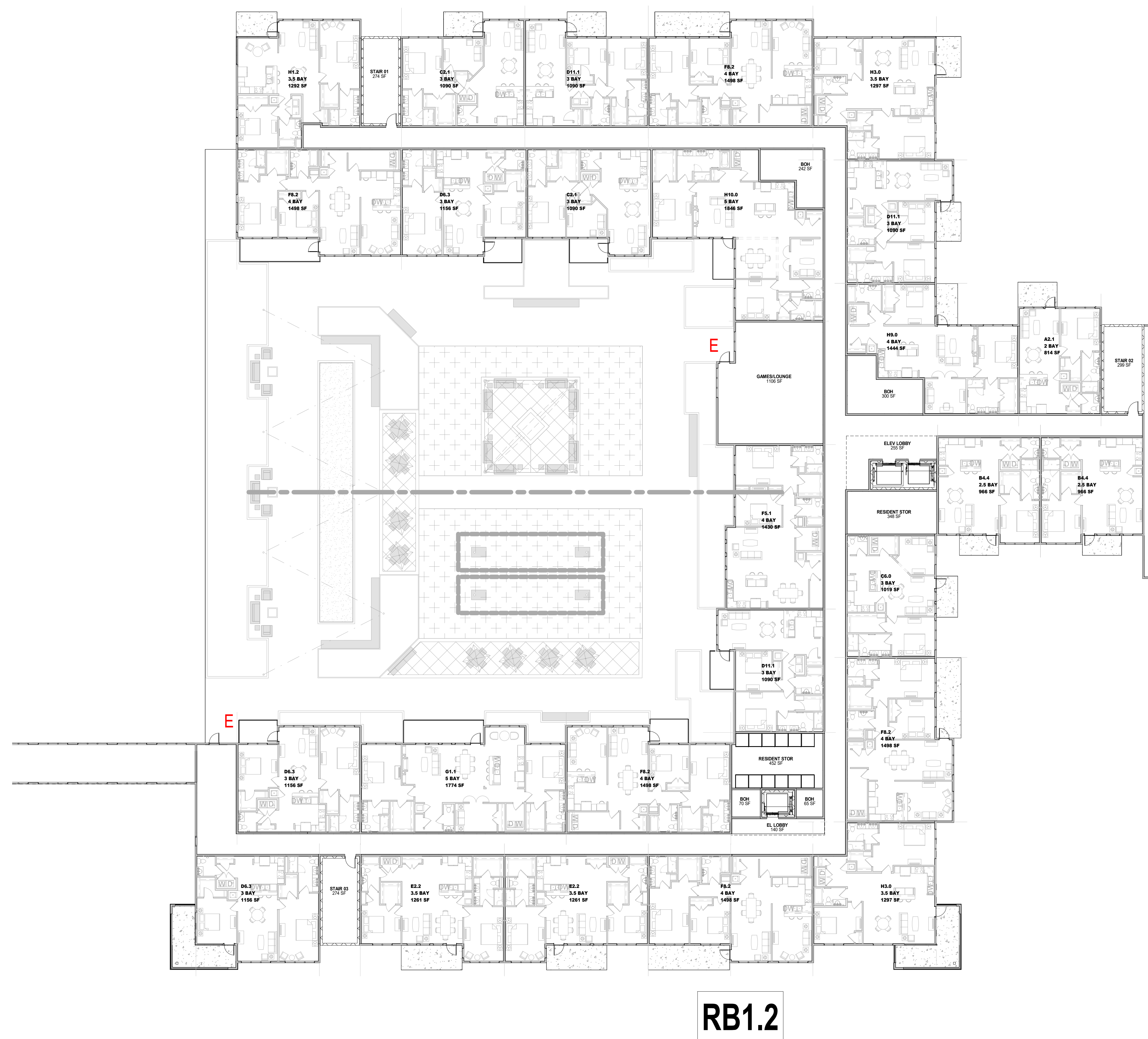


Erickson Senior Living Roseville

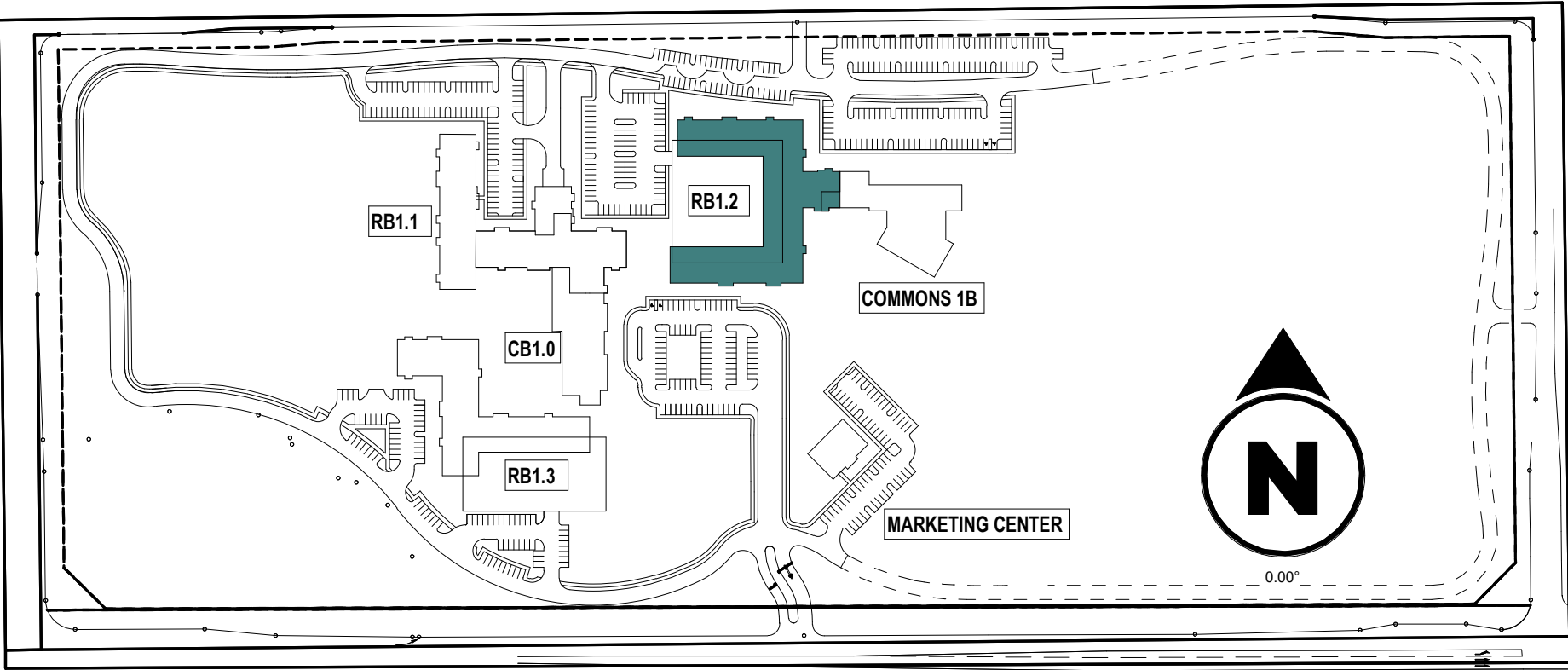
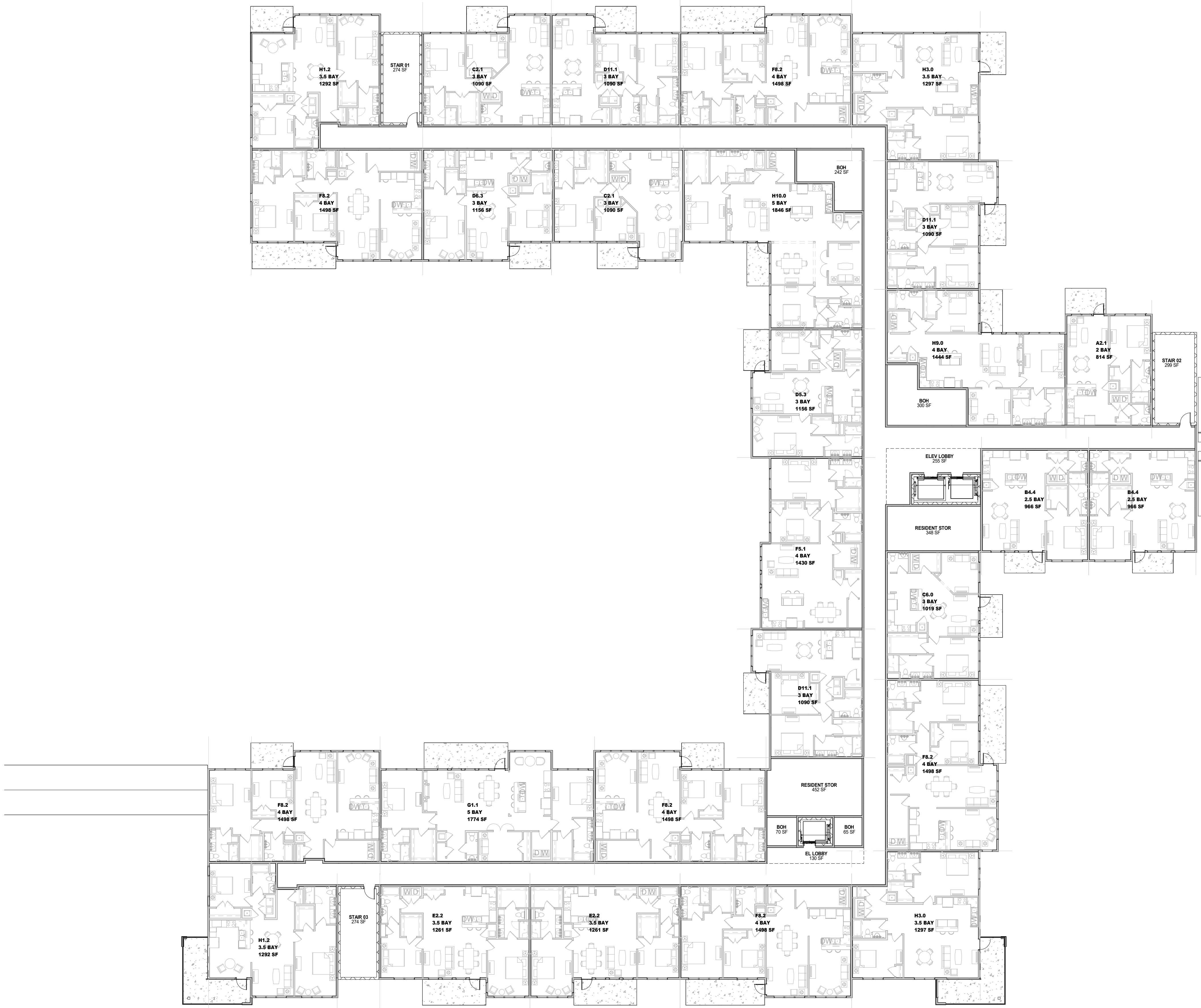
MPP Stage 2 Floor Plan - RB1.2 & Commons 1B Ground Level

Sierra Vista, West Roseville, CA

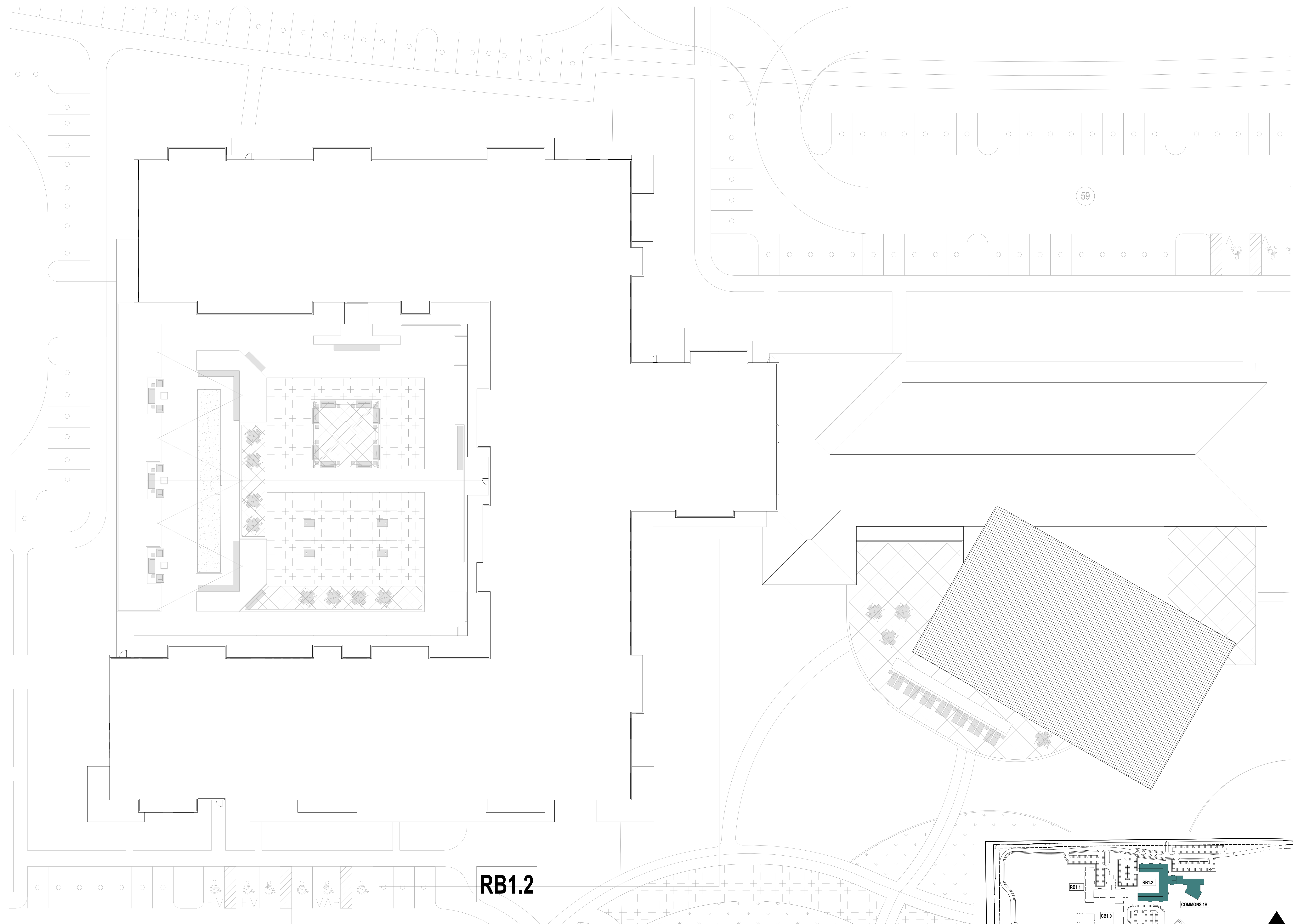




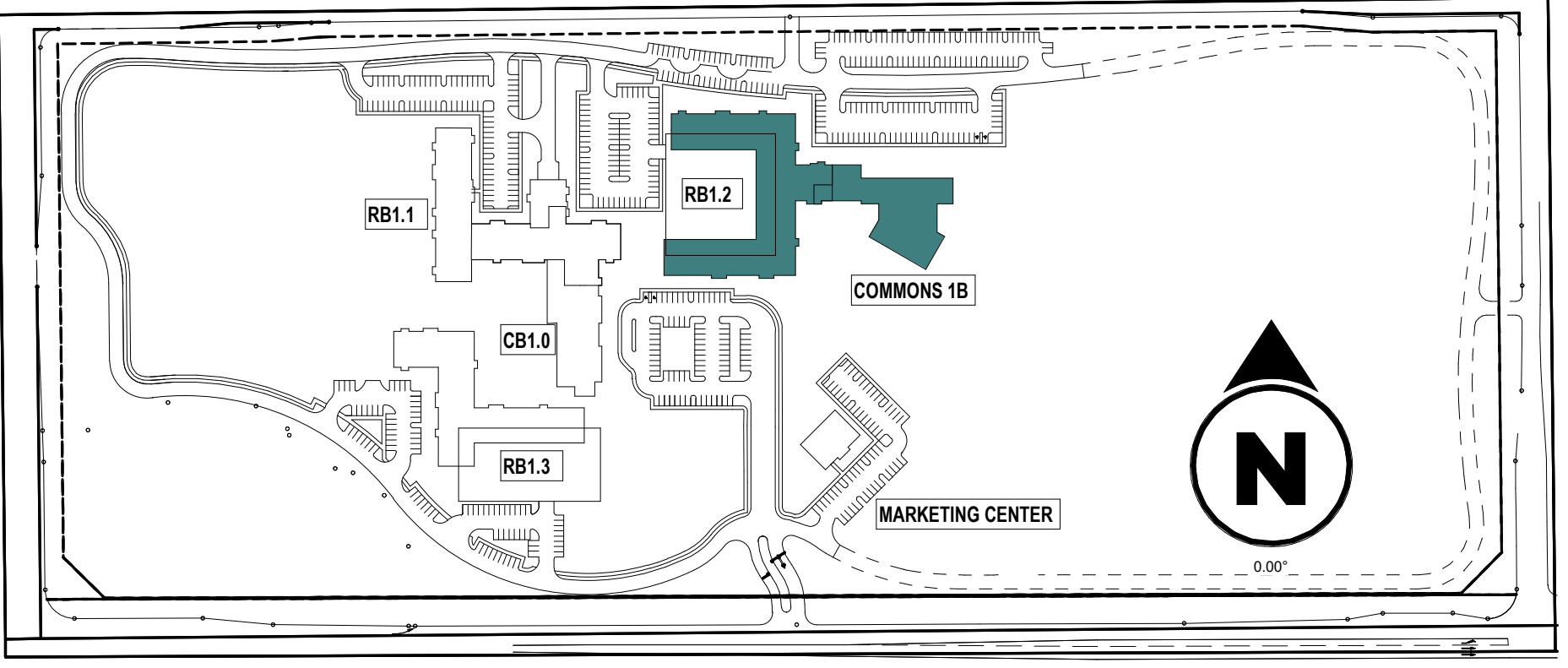




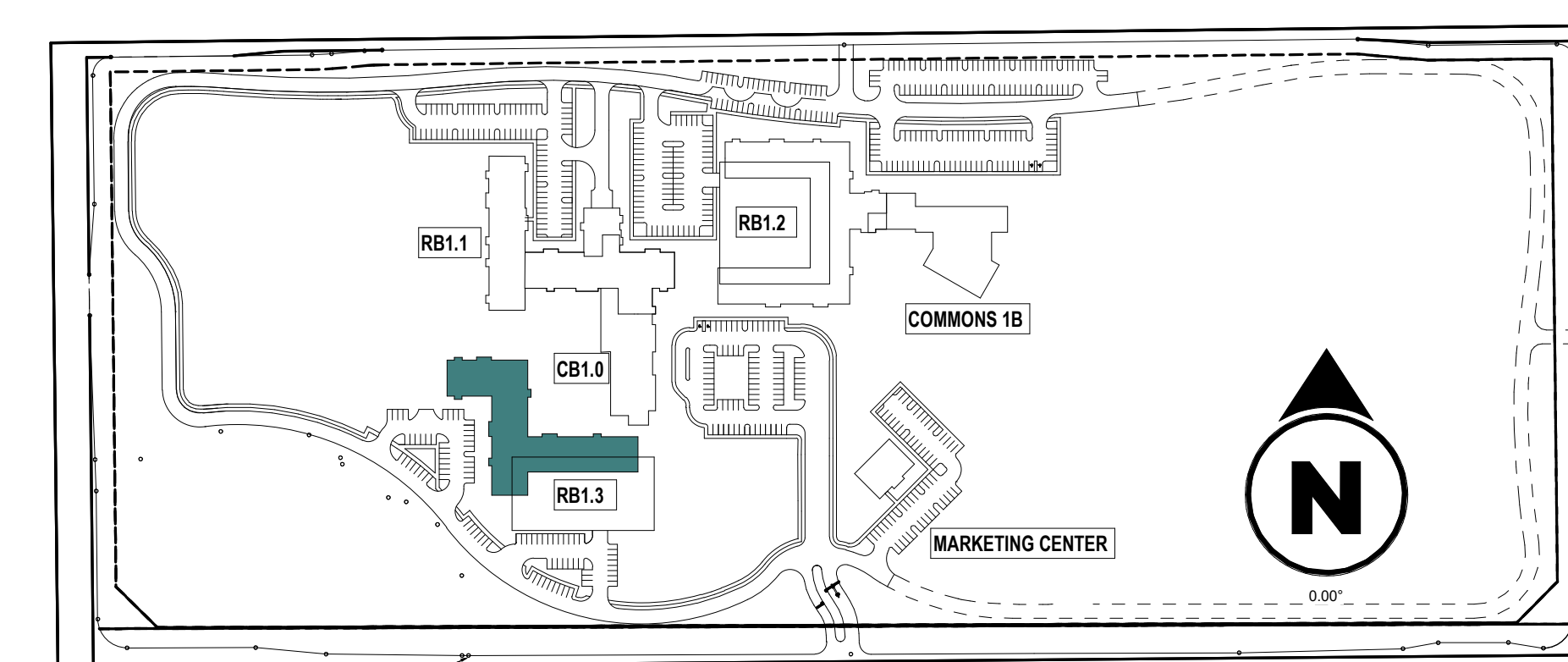
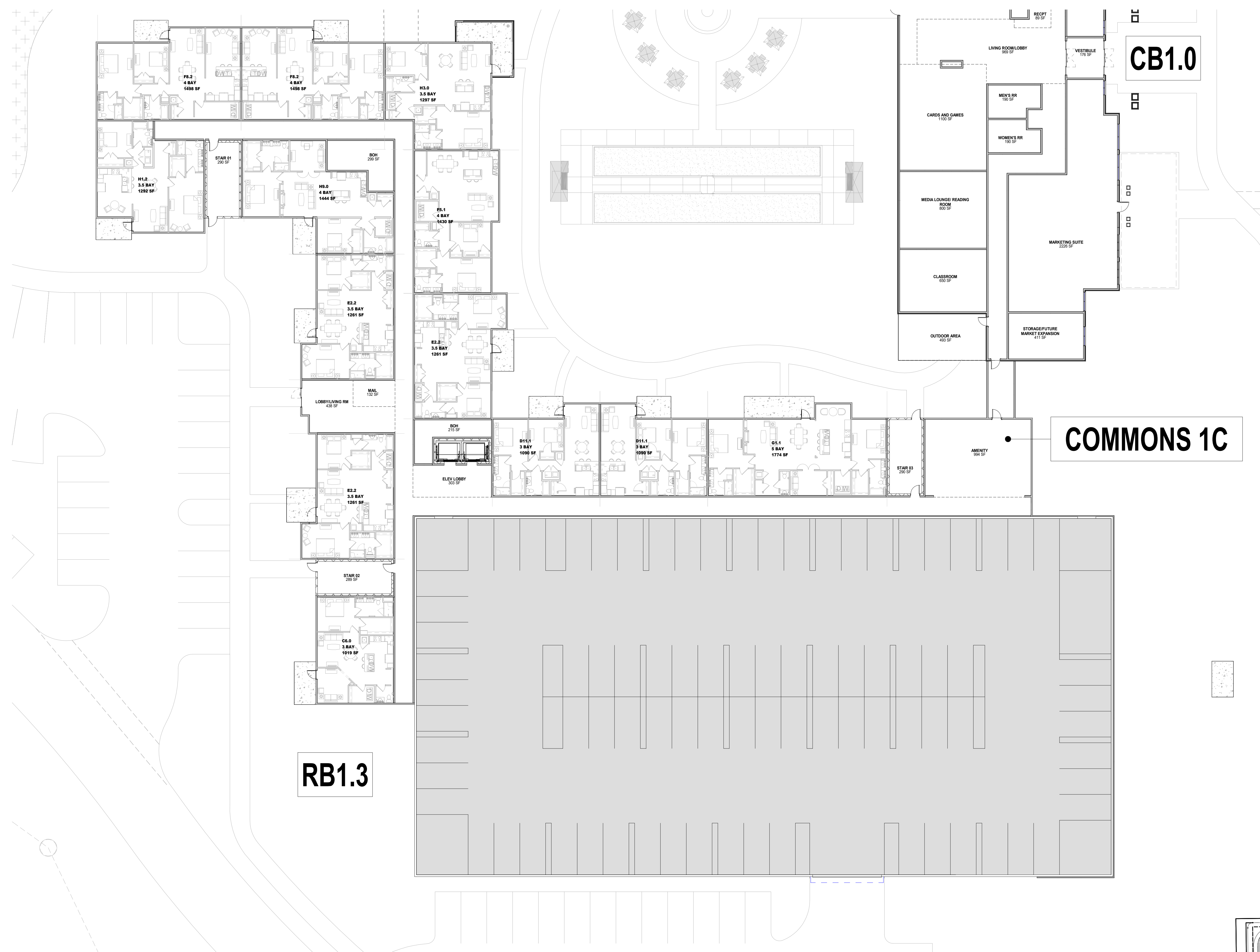




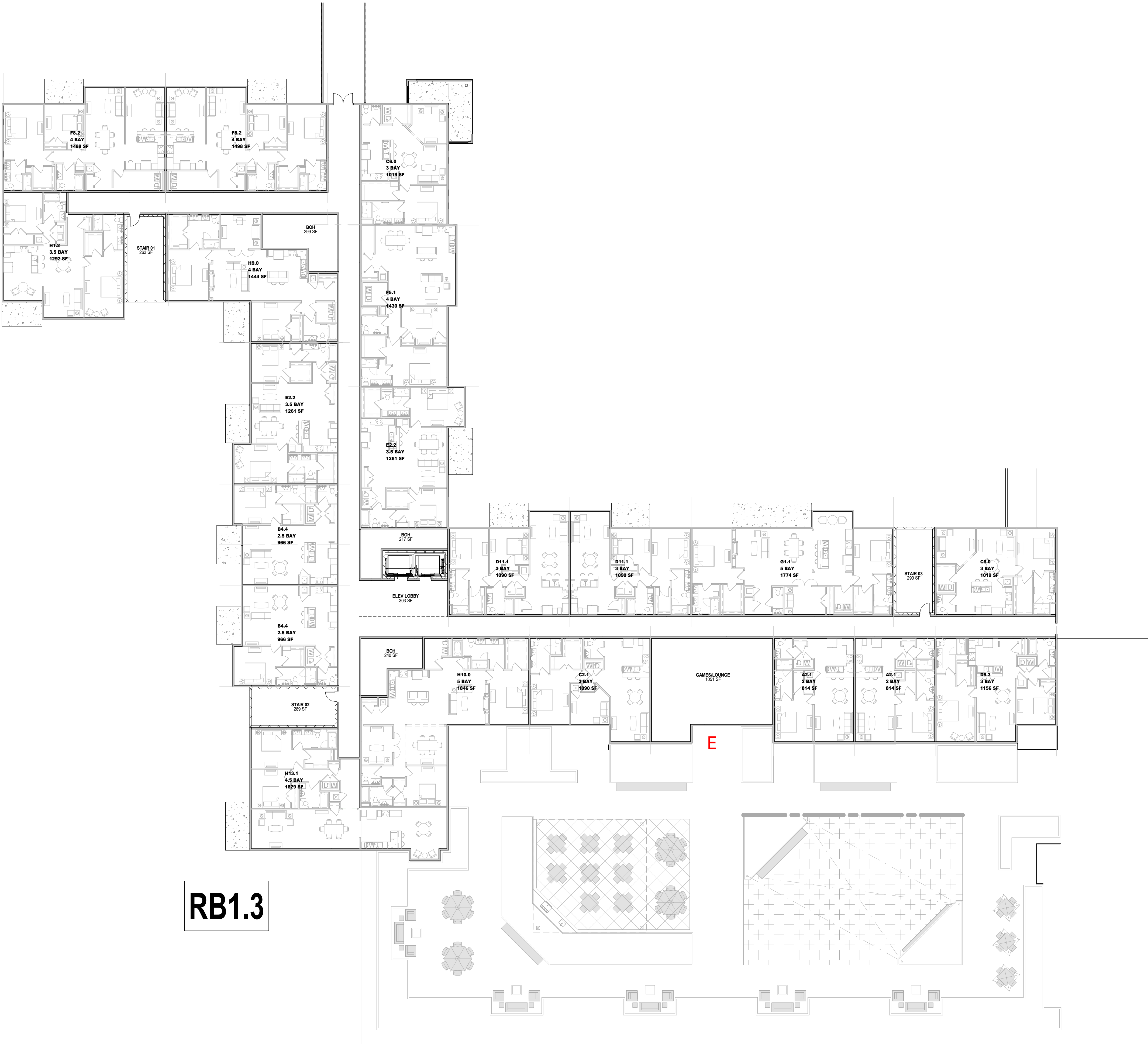
RB1.2



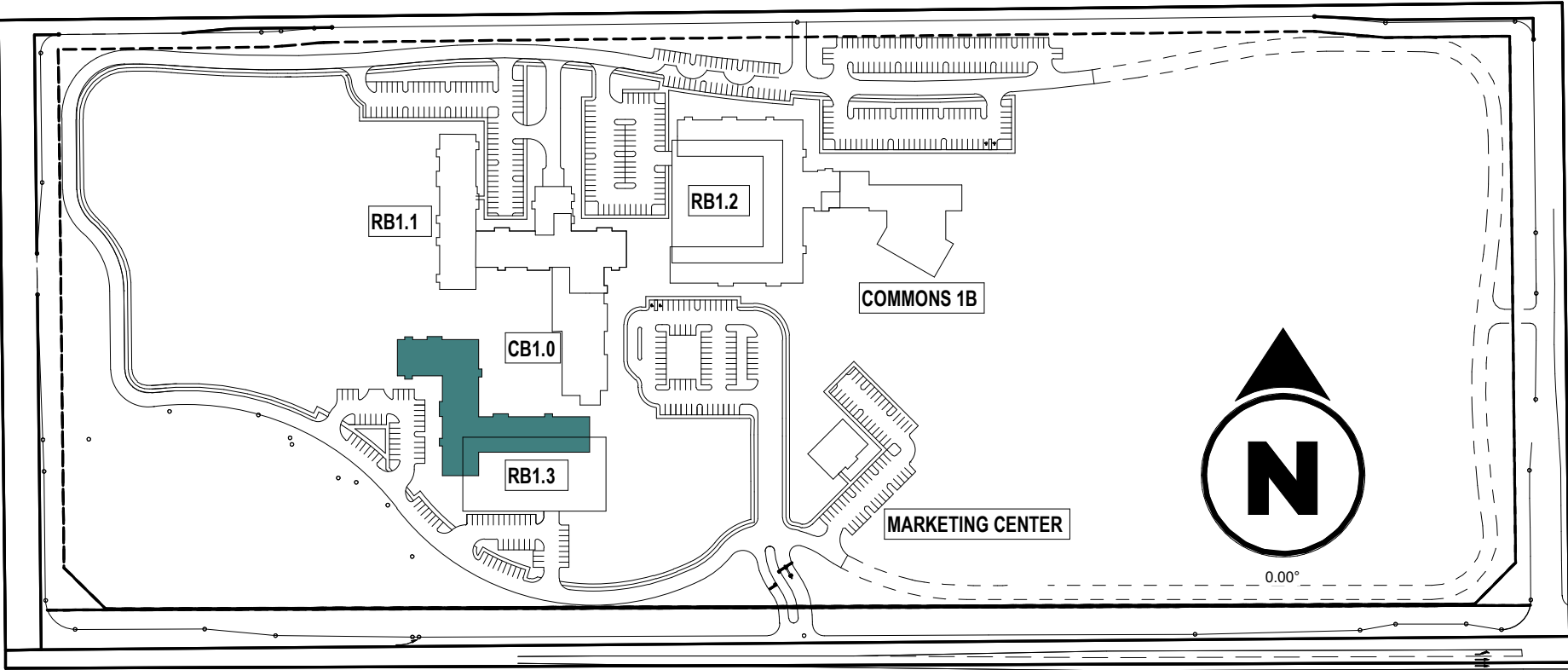




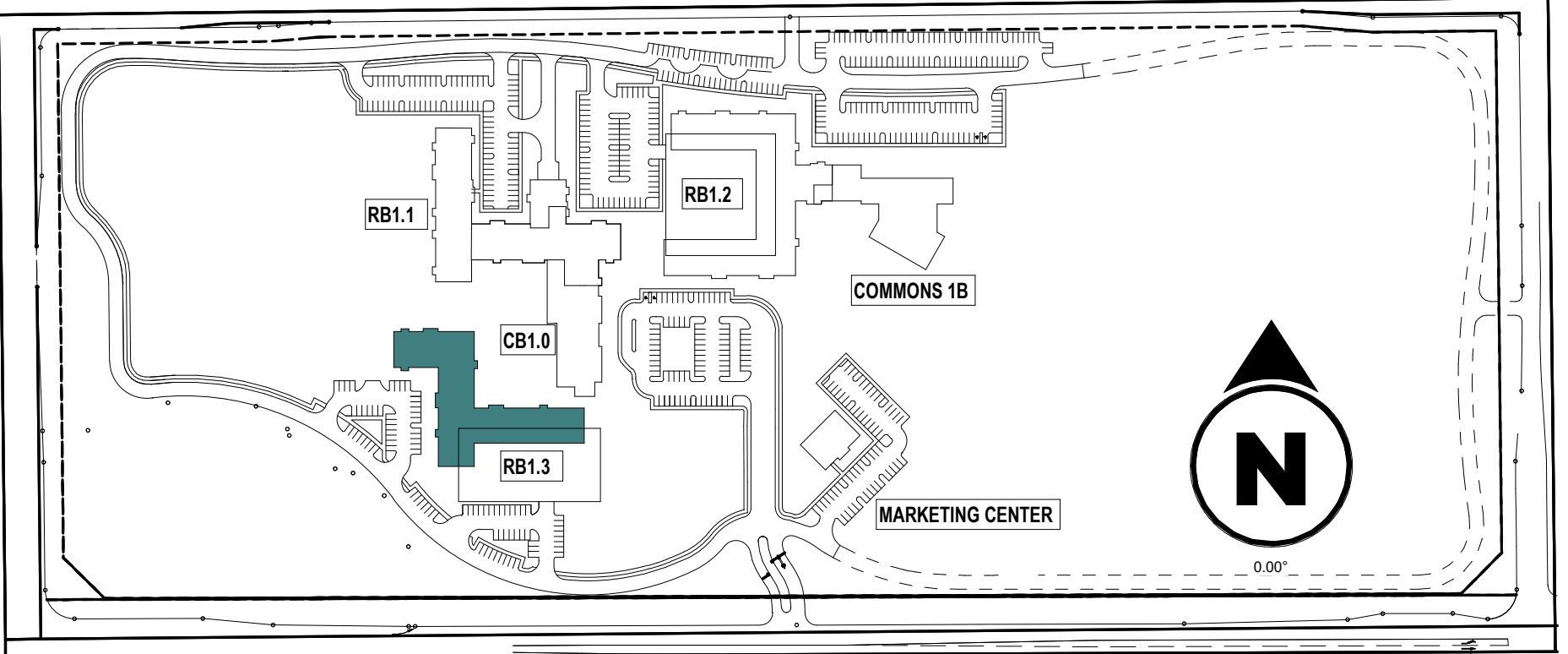




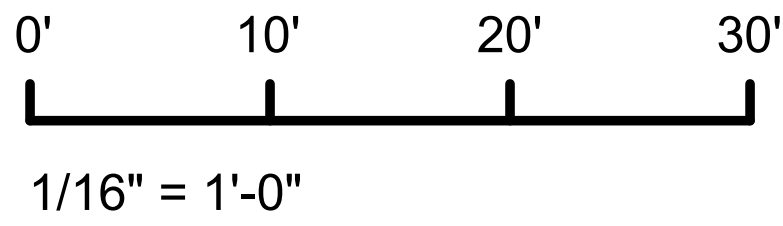
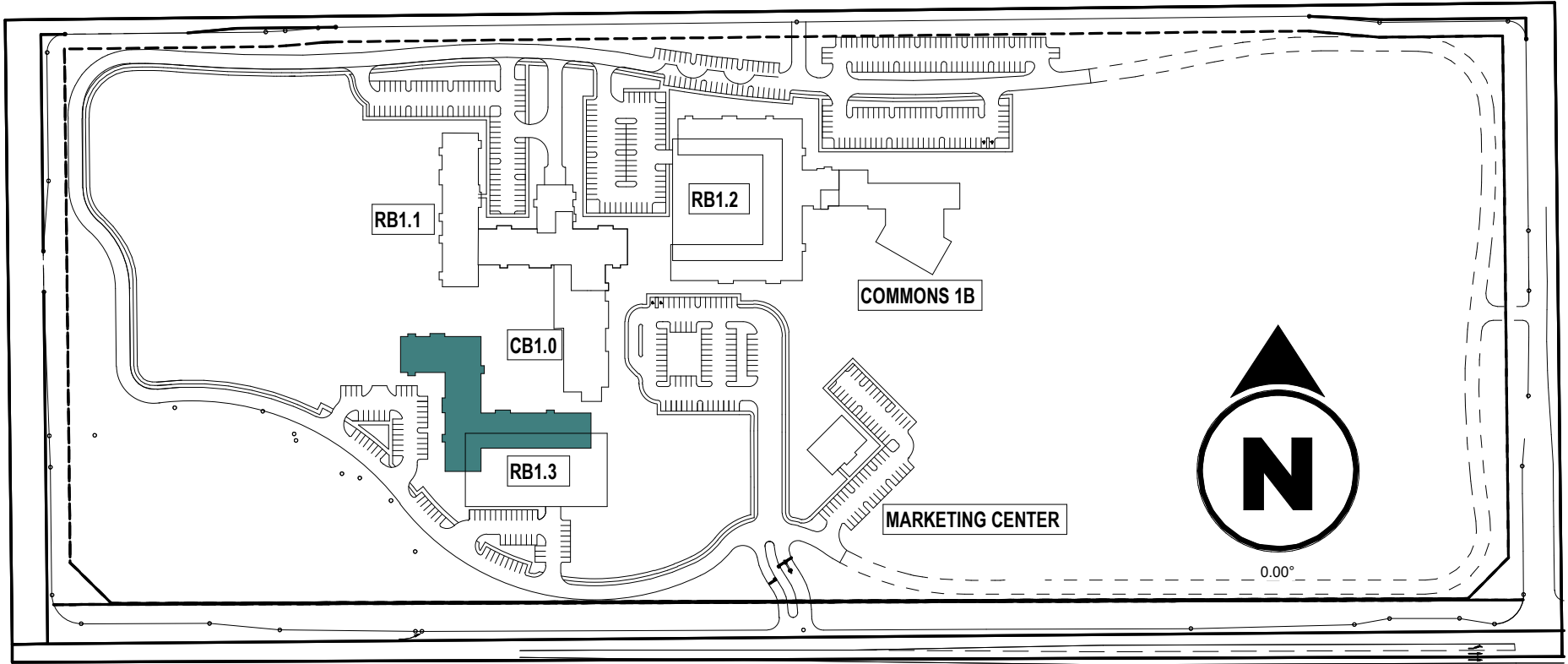
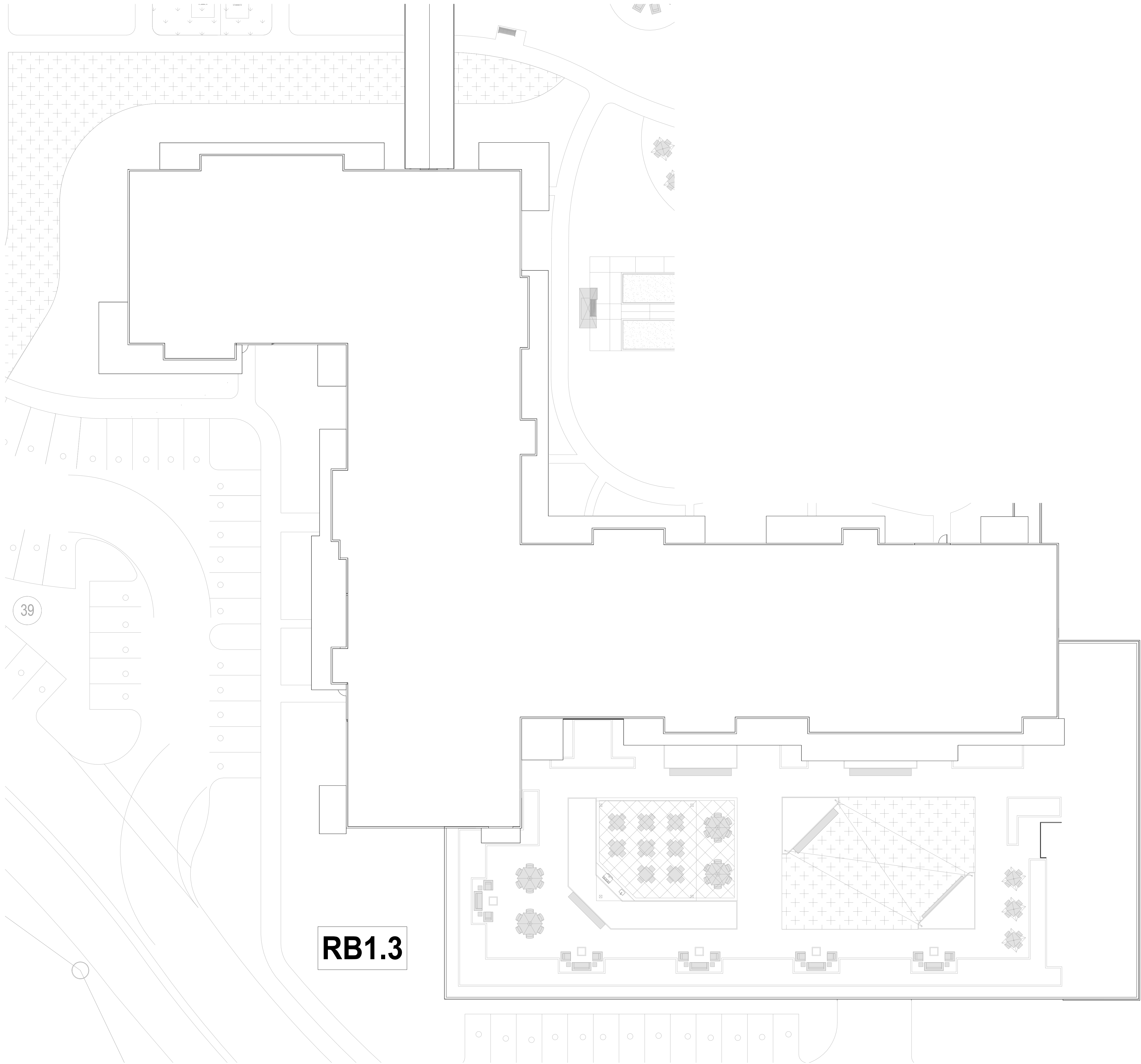
RB1.3



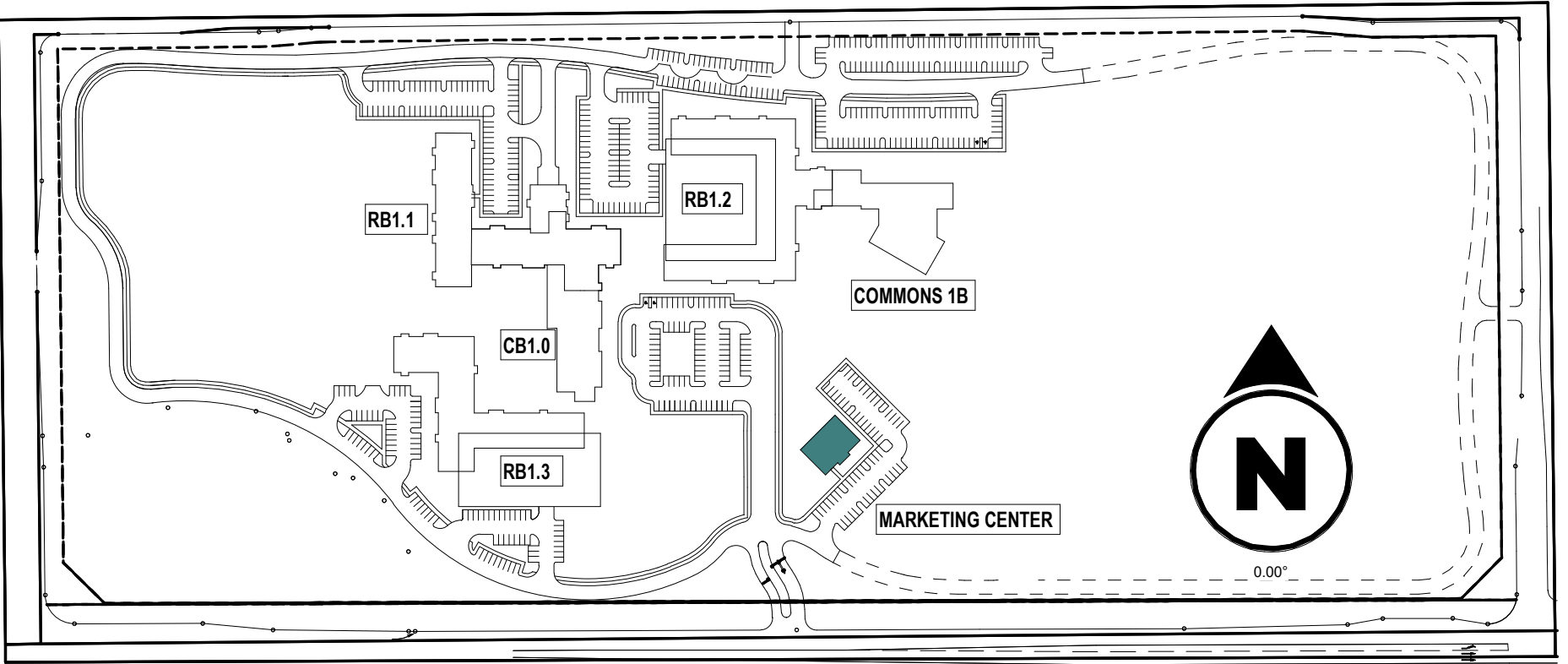
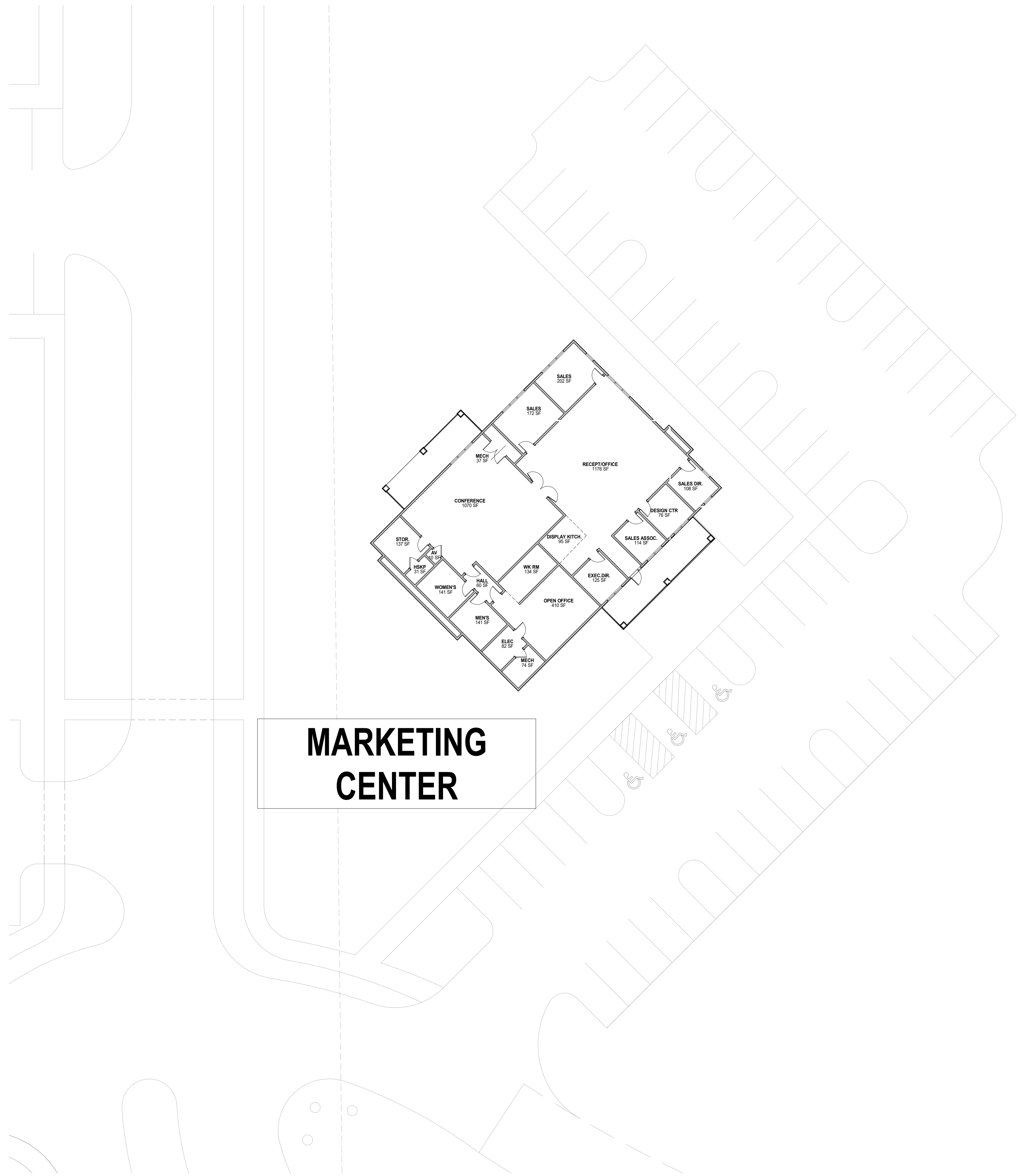




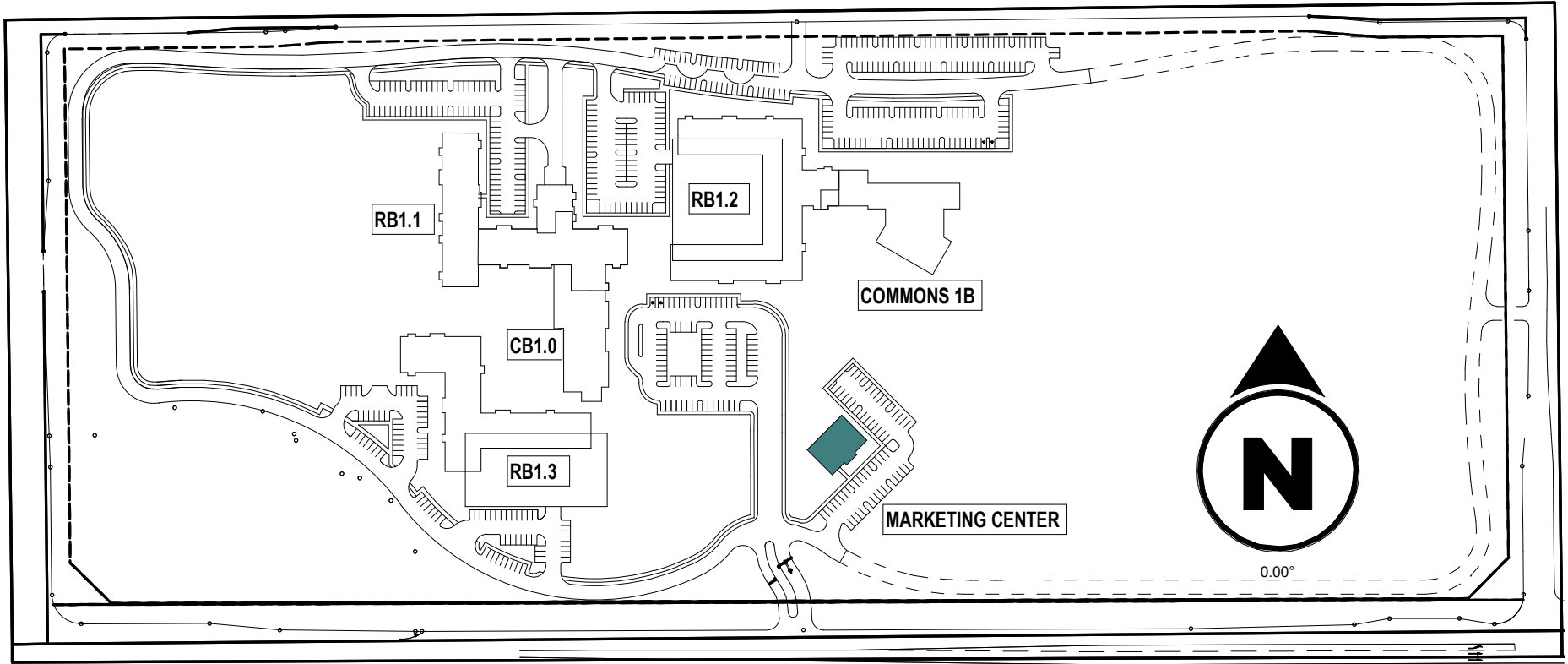




























AERIAL VIEW FROM SOUTHWEST





AERIAL VIEW FROM NORTH





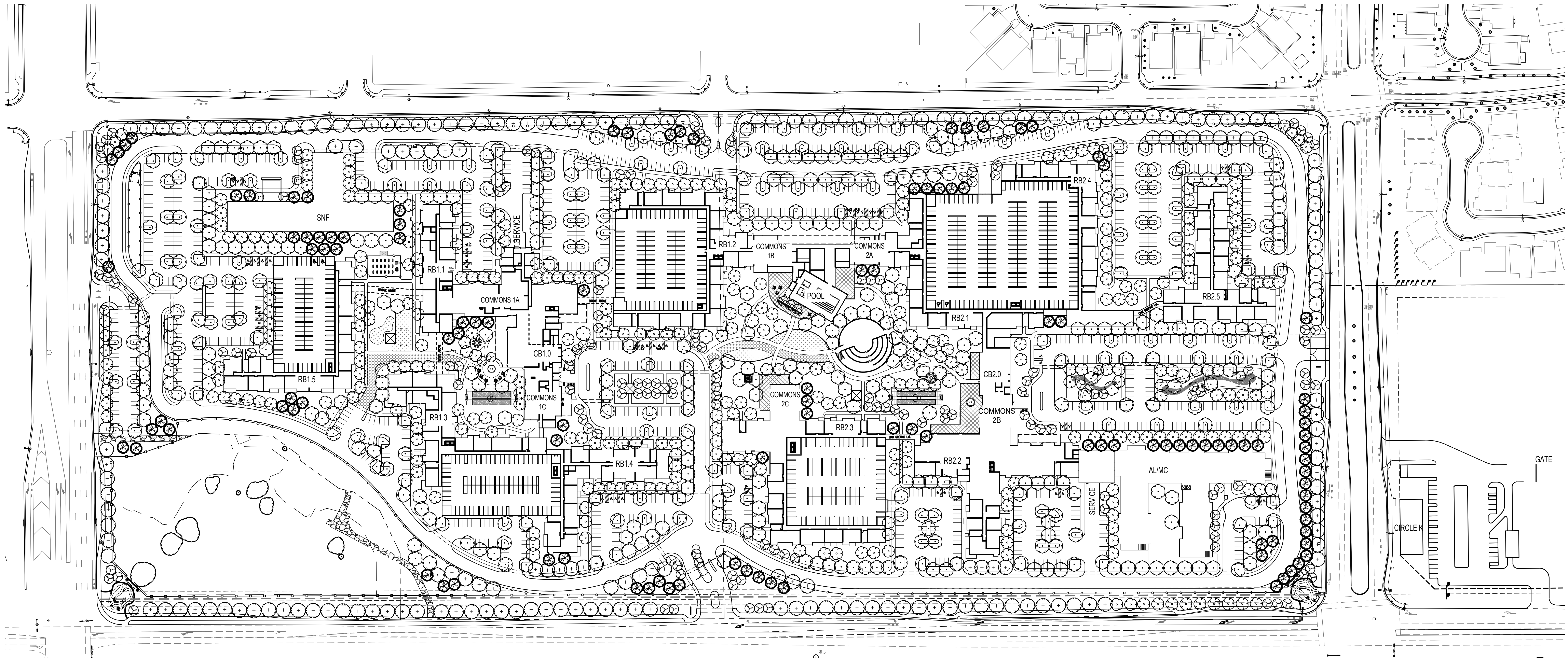
AERIAL VIEW FROM SOUTH





AERIAL VIEW FROM SOUTHEAST





SHADE STUDY CALCULATIONS  
PROJECT: ERICKSON SENIOR LIVING 11.18.2022

|                           |       |  |  |         |
|---------------------------|-------|--|--|---------|
| ENTIRE SITE (STAGE 1)     |       |  |  |         |
| STANDARD STALLS           | 1,164 |  |  | 314,280 |
| COMPACT STALLS            | 0     |  |  | 0       |
| HANDICAP STALLS           | 56    |  |  | 15,120  |
| TOTAL PAVED PARKING AREA: |       |  |  | 329,400 |
| TOTAL SHADE REQUIRED:     | 50%   |  |  | 164,700 |
| TOTAL SHADE PROVIDED:     |       |  |  | 237,926 |
| TOTAL SHADE PERCENTAGE    |       |  |  | 72%     |

| SYMBOL                                                | PATTERN | QTY. | UNIT | IN S.F. | TOTAL S.F. |
|-------------------------------------------------------|---------|------|------|---------|------------|
| 30' TO 35' TREES                                      |         |      |      |         |            |
| ACER R., PISTACHIA C., ULMUS C., ZELKOVA S.           | 30-F    | 83   | X    | 962     | 79,846     |
|                                                       | 30-TQ   | 31   | X    | 722     | 22,382     |
|                                                       | 30-H    | 193  | X    | 481     | 92,833     |
|                                                       | 30-Q    | 74   | X    | 240     | 17,760     |
| 25' TO 30' TREES                                      |         |      |      |         |            |
| ACER B., GINKGO B., KOELREUTERIA P., ZELKOVA S.       | 25-F    | 0    | X    | 491     | 0          |
|                                                       | 25-TQ   | 0    | X    | 369     | 0          |
|                                                       | 25-H    | 93   | X    | 246     | 22,878     |
|                                                       | 25-Q    | 13   | X    | 123     | 1,599      |
| 15' TO 20' TREES                                      |         |      |      |         |            |
| CERCIS O., LAGERSTROEMIA L., MAGNOLIA G., CHITALPA T. | 15-F    | 0    | X    | 314     | 0          |
|                                                       | 15-TQ   | 0    | X    | 236     | 0          |
|                                                       | 15-H    | 4    | X    | 157     | 628        |
|                                                       | 15-Q    | 0    | X    | 79      | 0          |
| TOTAL                                                 |         |      |      |         | 237,926    |

PRELIMINARY LANDSCAPE NOTES

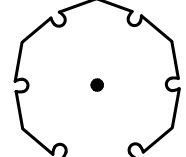
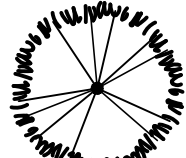
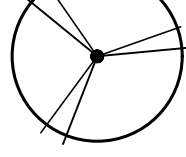
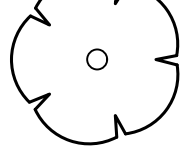
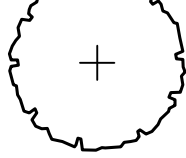
- A. STREETScape DESIGN INTENT - STREETScape WILL BE CONSISTENT WITH OTHER PROJECTS WITHIN THE SIERRA VISTA SPECIFIC PLAN AREA. WESTBROOK BLVD., SANTUCCI BLVD., & SIERRA VILLAGE DRIVE WILL UTILIZE A COMBINATION OF STREET TREES AND EVERGREEN SUBORDINATE TREES. BASELINE ROAD WILL HAVE TREES WHERE APPROPRIATE WHILE MAINTAINING CLEARANCE OF THE PG&E EASEMENT. USE OF EVERGREEN SHRUBS AND COLOR MAPPED PLANTING WILL BE INCORPORATED ALONG THE STREETScape. SHRUB MASSES WILL UTILIZE DROUGHT TOLERANT SPECIES WHERE APPROPRIATE.
- B. ENTRY TREATMENT - ENTRY WILL BE HIGHLIGHTED BY GROVE OF ACCENT TREES WITH LOW BACKGROUND PLANTING. MONUMENT SIGNAGE WILL MAIN ENTRY AT BASELINE ROAD. UNDER STORY WILL BE LOW AND CONFORMING TO AN UNDULATED GROUND CONTOUR, WHILE MAINTAINING SIGHT LINES. USE OF COLORFUL PLANT MATERIALS WILL FURTHER ENHANCE AND DEFINE THE ENTRIES, ALONG WITH DROUGHT TOLERANT SPECIES WHERE APPROPRIATE.
- C. BUILDING ZONE - FOCUS IS ON CONNECTIVITY FOR PEDESTRIANS. A VARIETY OF COLUMNAR AND SMALL SCALE TREES WITH LOW CONTRASTING SHRUB FORMS WILL BE USED TO ADD INTEREST, COLOR, AND TEXTURE. SEVERAL OUTDOOR PLAZA SPACES WITH TREE WELLS WILL BE INCORPORATED BETWEEN BUILDINGS.
- D. PARKING LOT INTENT - DESIGNATED TREES WILL PROVIDE A CANOPY OF SHADE. UNDER STORY PLANTINGS WITHIN THE PARKING LOT WILL CONSIST OF LOW SHRUBBERY AND/OR GROUND COVERS. PEDESTRIAN ACCESS IS PROVIDED FROM PARKING LOT TO ADJACENT EXISTING BIKE TRAIL ALONG THE SOUTH PROPERTY LINE.
- E. MONUMENT SIGNAGE CONSISTENT WITH THE SIERRA VISTA SPECIFIC PLAN WILL BE INSTALLED AT THE CORNERS OF BASELINE ROAD AND SANTUCCI BLVD. AND BASELINE ROAD AND WESTBROOK BLVD.
- F. PROJECT HAS A PLANNED WALKING PATH AROUND THE PERIMETER WITH INTERIOR WALKING LOOPS. MILEAGE SIGNAGE AND SHADED BENCHES WILL BE INCLUDED ALONG THE PATH.

CONCEPT PLANT SCHEDULE

|  |                                                                          |
|--|--------------------------------------------------------------------------|
|  | SHADE TREES                                                              |
|  | ACER RUBRUM 'OCTOBER GLORY' / OCTOBER GLORY RED MAPLE (40'X35')          |
|  | CELTIS OCCIDENTALIS / CHINESE HACKBERRY (40'X40')                        |
|  | PISTACHIA CHINENSIS / CHINESE PISTACHE (40'X40')                         |
|  | SCREEN TREES                                                             |
|  | CEDRUS DEODARA / DEODAR CEDAR (60'X40')*                                 |
|  | PODOCARPUS GRACILIOR / FERN PINE (40'X20')*                              |
|  | QUERCUS ILEX / HOLLY OAK (60'X40')*                                      |
|  | ACCENT TREES                                                             |
|  | CERCIS OCCIDENTALIS / WESTERN REDBUD (18'X18')                           |
|  | LAGERSTROEMIA INDICA X FAURIEI 'ARAPAH0' / RED CRAWPE MYRTLE (25'X20')   |
|  | MAGNOLIA GRANDIFLORA 'LITTLE GEM' / LITTLE GEM DWARF MAGNOLIA (25'X15')* |
|  | SUBORDINATE TREES                                                        |
|  | ACER BUERGERIANUM / TRIDENT MAPLE (25'X25')                              |
|  | GINKGO BILOBA 'PRINCETON SENTRY' / MAIDENHAIR TREE (40'X20')             |
|  | KOELREUTERIA PANICULATA / GOLDEN RAIN TREE (35'X30')                     |
|  | STREET TREE                                                              |
|  | LIRIODENDRON TULIPIFERA / TULIP TREE (60'X40')                           |
|  | QUERCUS RUBRA / RED OAK (60'X45')                                        |

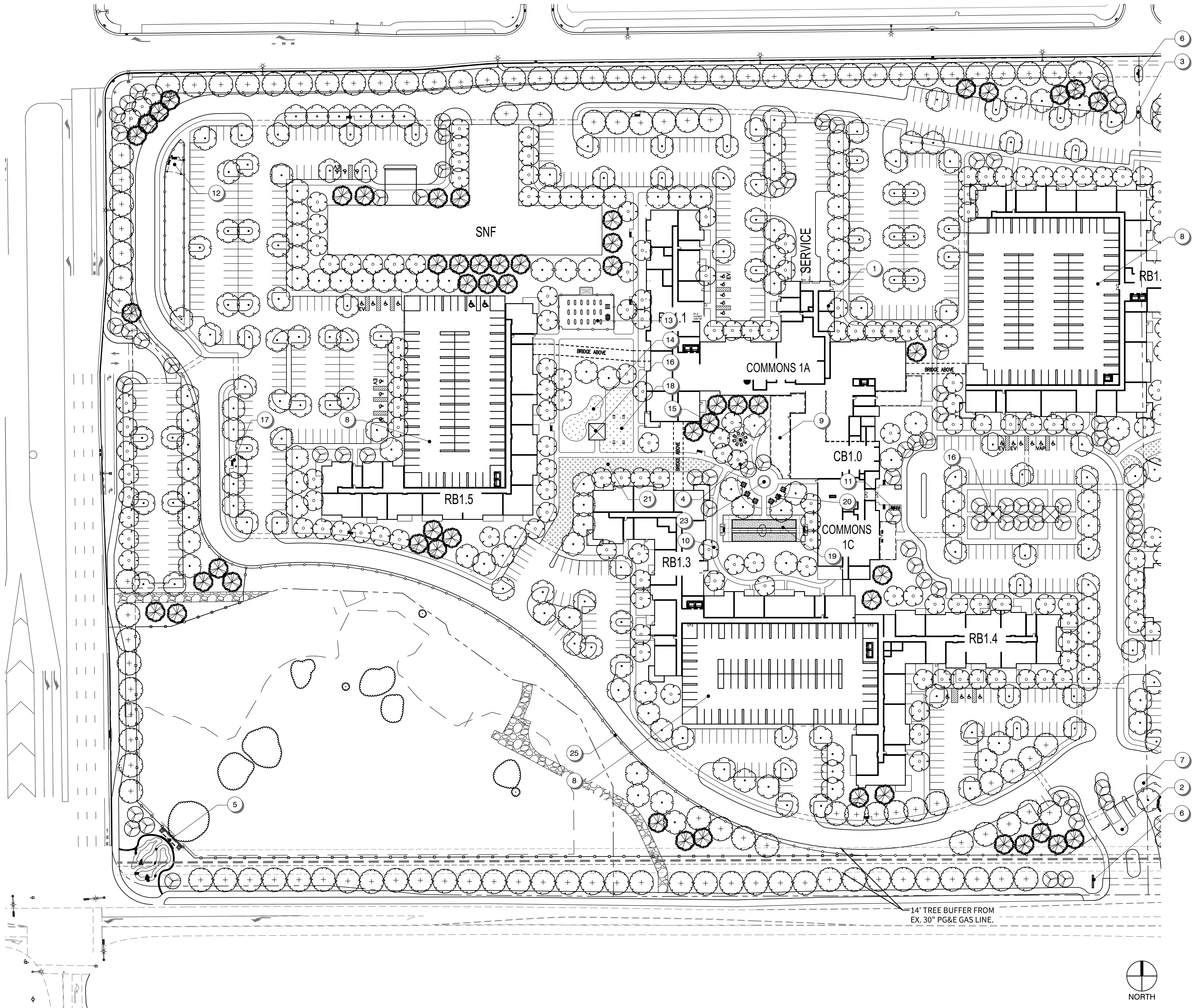


CONCEPT PLANT SCHEDULE

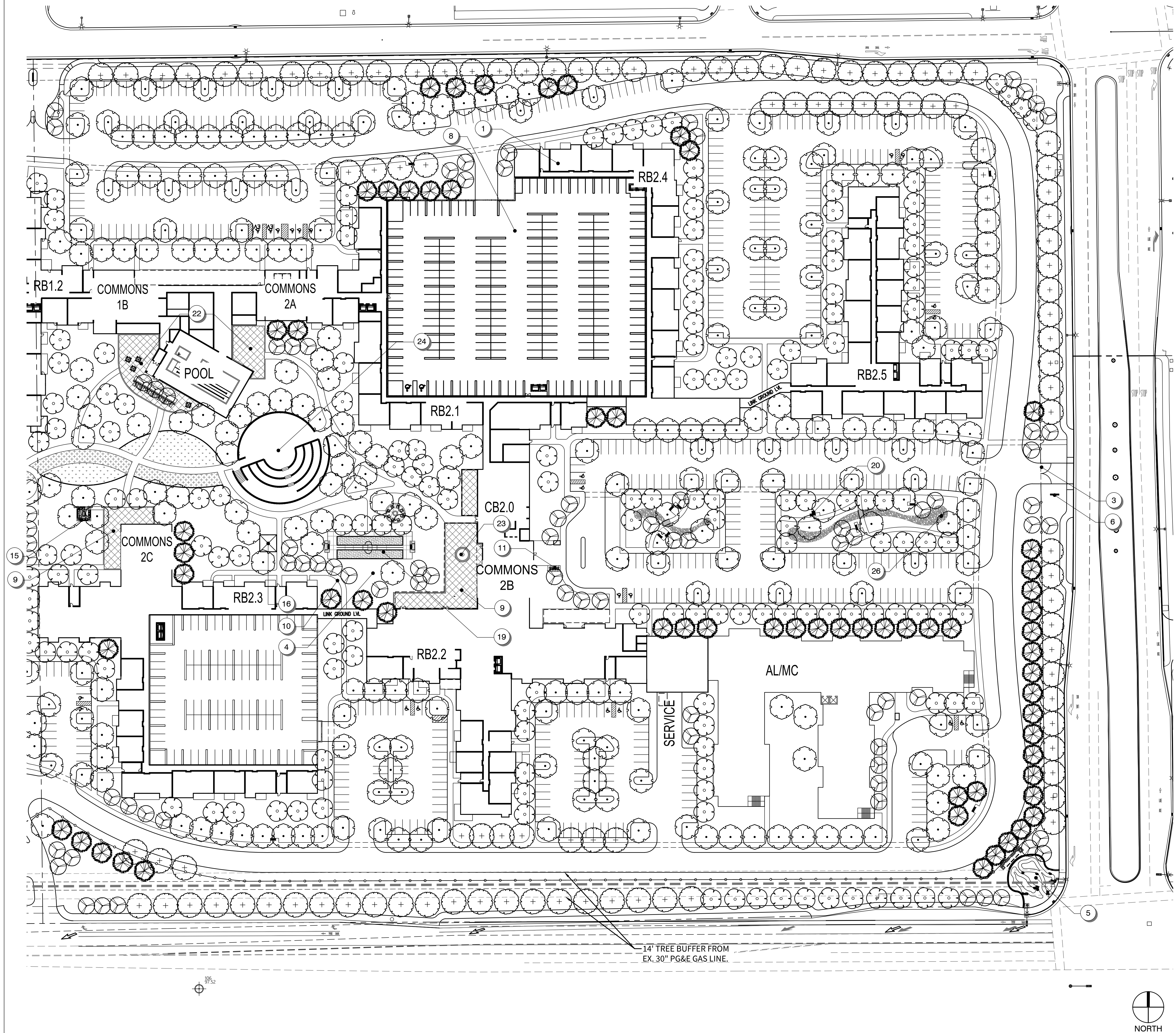
|                                                                                     |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   | SHADE TREES<br>ACER RUBRUM 'OCTOBER GLORY' / OCTOBER GLORY RED MAPLE (40'X35')<br>CELTIS OCCIDENTALIS / CHINESE HACKBERRY (40'X40')<br>PISTACIA CHINENSIS / CHINESE PISTACHE (40'X40')<br>ZELKOVA SERRATA 'VILLAGE GREEN' / VILLAGE GREEN SAWLEAF ZELKOVA (50'X35')                        |
|  | SCREEN TREES<br>CEDRUS DEODARA / DEODAR CEDAR (60'X40')*<br>PODOCARPUS GRACILIOR / FERN PINE (40'X20')*<br>QUERCUS ILEX / HOLLY OAK (60'X40')*                                                                                                                                             |
|  | ACCENT TREES<br>CERCIS OCCIDENTALIS / WESTERN REDBUD (18'X18')<br>LAGERSTROEMIA INDICA X FAURIEI 'ARAPAH0' / RED CRAPE MYRTLE (25'X20')<br>MAGNOLIA GRANDIFLORA 'LITTLE GEM' / LITTLE GEM DWARF MAGNOLIA (25'X15')*<br>X CHITALPA TASHKENTENSIS 'PINK DAWN' / PINK DAWN CHITALPA (30'X25') |
|  | SUBORDINATE TREES<br>ACER BUERGERIANUM / TRIDENT MAPLE (25'X25')<br>GINKGO BILOBA 'PRINCETON SENTRY' / MAIDENHAIR TREE (40'X20')<br>KOELREUTERIA PANICULATA / GOLDEN RAIN TREE (35'X30')<br>ZELKOVA SERRATA 'MUSASHINO' / MUSASHINO SAWLEAF ZELKOVA (40'X15')                              |
|  | STREET TREE<br>LIRODENDRON TULIPIFERA / TULIP TREE (60'X40')<br>QUERCUS RUBRA / RED OAK (60'X45')                                                                                                                                                                                          |

REFERENCE NOTES SCHEDULE

| SYMBOL                                                                                | DESCRIPTION                                                                  |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
|    | PROPOSED BUILDINGS - SEE ARCHITECTURAL PLANS.                                |
|    | PROPOSED MAIN ENTRY WITH GATE HOUSE.                                         |
|    | PROPOSED SECONDARY ENTRY.                                                    |
|    | PROPOSED STORMWATER BASINS - SEE CIVIL PLANS.                                |
|    | PROPOSED SVSP MONUMENT SIGNAGE PER CITY OF ROSEVILLE SVSP DESIGN GUIDELINES. |
|    | PROPOSED PROJECT MONUMENT SIGN (TYP. OF 3)                                   |
|    | PROPOSED FLAG POLES (TYP. OF 3)                                              |
|    | PROPOSED SEATING / AMENITY AREA ON ROOF DECK.                                |
|    | PROPOSED OUTDOOR DINING PATIOS.                                              |
|    | PROPOSED SIDEWALKS.                                                          |
|    | PROPOSED SHORT TERM BIKE RACKS.                                              |
|    | PROPOSED DOG PARK.                                                           |
|    | PROPOSED COMMUNITY GARDEN.                                                   |
|    | PROPOSED PUTTING GREEN.                                                      |
|   | PROPOSED FIRE PIT.                                                           |
|  | PROPOSED SEATING AREA WITH SHADE SHELTER.                                    |
|  | PROPOSED BENCHES ON PERIMETER WALKING PATH.                                  |
|  | PROPOSED OPEN TURF AREAS.                                                    |
|  | PROPOSED BOCCIE COURTS.                                                      |
|  | PROPOSED TABLE AND CHAIRS WITH UMBRELLAS.                                    |
|  | PROPOSED SYNTHETIC TURF ON PAVERS FOR FIRE ACCESS.                           |
|  | PROPOSED SUN DECK WITH FURNITURE.                                            |
|  | PROPOSED WATER FEATURE.                                                      |
|  | PROPOSED AMPHITHEATER.                                                       |
|  | PROPOSED OPEN METAL FENCE.                                                   |
|  | PROPOSED DRY CREEK BED.                                                      |







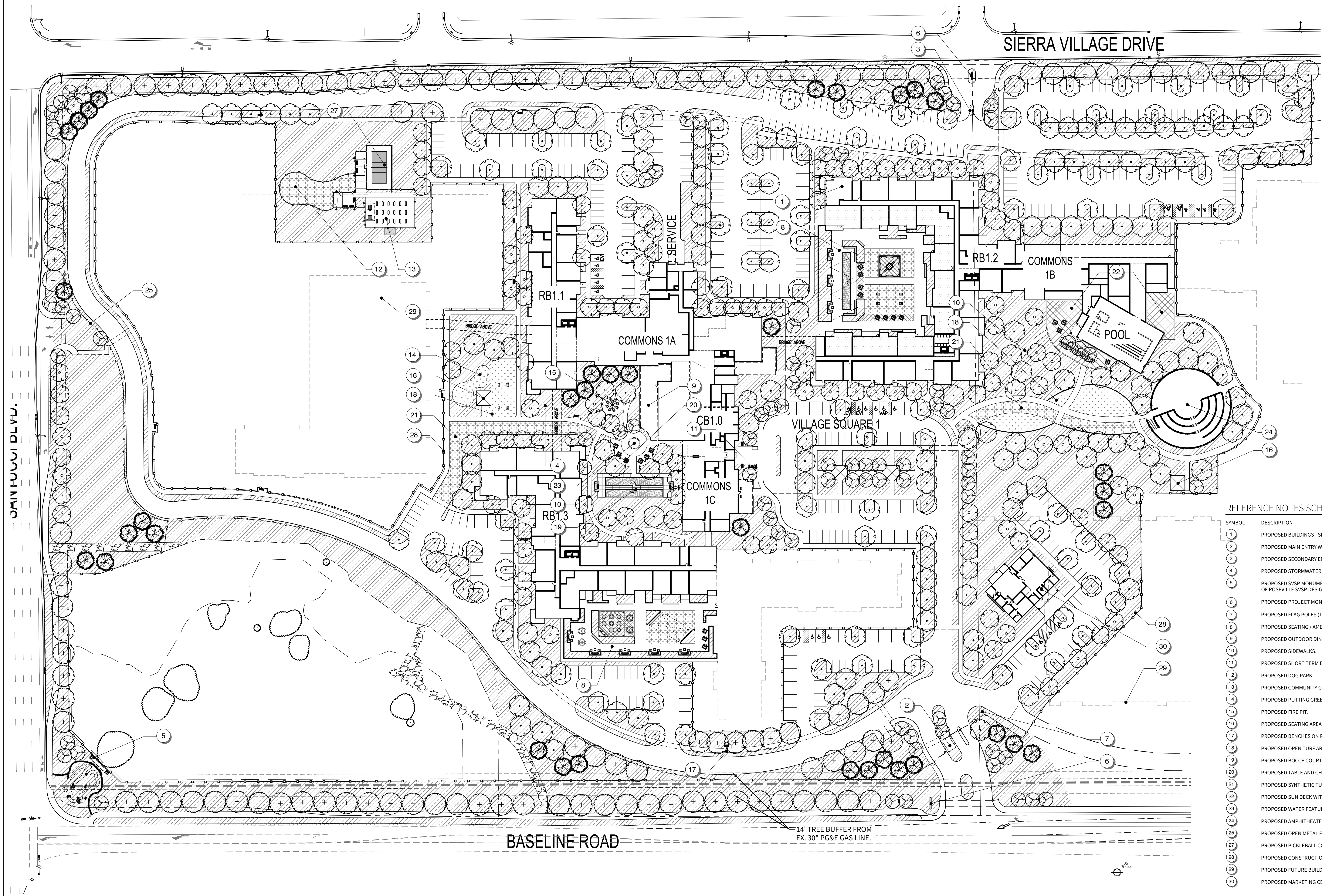
CONCEPT PLANT SCHEDULE

|  |                                                                                                                                                                                                                                                                                            |
|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | SHADE TREES<br>ACER RUBRUM 'OCTOBER GLORY' / OCTOBER GLORY RED MAPLE (40'X35')<br>CELTIS OCCIDENTALIS / CHINESE HACKBERRY (40'X40')<br>PISTACIA CHINENSIS / CHINESE PISTACHE (40'X40')<br>ZELKOVA SERRATA 'VILLAGE GREEN' / VILLAGE GREEN SAWLEAF ZELKOVA (50'X35')                        |
|  | SCREEN TREES<br>CEDRUS DEODARA / DEODAR CEDAR (60'X40')*<br>PODOCARPUS GRACILIOR / FERN PINE (40'X20')*<br>QUERCUS ILEX / HOLLY OAK (60'X40')*                                                                                                                                             |
|  | ACCENT TREES<br>CERCIS OCCIDENTALIS / WESTERN REDBUD (18'X18')<br>LAGERSTROEMIA INDICA X FAURIEI 'ARAPAH0' / RED CRAPE MYRTLE (25'X20')<br>MAGNOLIA GRANDIFLORA 'LITTLE GEM' / LITTLE GEM DWARF MAGNOLIA (25'X15')*<br>X CHITALPA TASHKENTENSIS 'PINK DAWN' / PINK DAWN CHITALPA (30'X25') |
|  | SUBORDINATE TREES<br>ACER BUERGERIANUM / TRIDENT MAPLE (25'X25')<br>GINKGO BILOBA 'PRINCETON SENTRY' / MAIDENHAIR TREE (40'X20')<br>KOELREUTERIA PANICULATA / GOLDEN RAIN TREE (35'X30')<br>ZELKOVA SERRATA 'MUSASHINO' / MUSASHINO SAWLEAF ZELKOVA (40'X15')                              |
|  | STREET TREE<br>LIRODENDRON TULIPIFERA / TULIP TREE (60'X40')<br>QUERCUS RUBRA / RED OAK (60'X45')                                                                                                                                                                                          |

REFERENCE NOTES SCHEDULE

| SYMBOL | DESCRIPTION                                                                  |
|--------|------------------------------------------------------------------------------|
| 1      | PROPOSED BUILDINGS - SEE ARCHITECTURAL PLANS.                                |
| 2      | PROPOSED MAIN ENTRY WITH GATE HOUSE.                                         |
| 3      | PROPOSED SECONDARY ENTRY.                                                    |
| 4      | PROPOSED STORMWATER BASINS - SEE CIVIL PLANS.                                |
| 5      | PROPOSED SVSP MONUMENT SIGNAGE PER CITY OF ROSEVILLE SVSP DESIGN GUIDELINES. |
| 6      | PROPOSED PROJECT MONUMENT SIGN (TYP. OF 3)                                   |
| 7      | PROPOSED FLAG POLES (TYP. OF 3)                                              |
| 8      | PROPOSED SEATING / AMENITY AREA ON ROOF DECK.                                |
| 9      | PROPOSED OUTDOOR DINING PATIOS.                                              |
| 10     | PROPOSED SIDEWALKS.                                                          |
| 11     | PROPOSED SHORT TERM BIKE RACKS.                                              |
| 12     | PROPOSED DOG PARK.                                                           |
| 13     | PROPOSED COMMUNITY GARDEN.                                                   |
| 14     | PROPOSED PUTTING GREEN.                                                      |
| 15     | PROPOSED FIRE PIT.                                                           |
| 16     | PROPOSED SEATING AREA WITH SHADE SHELTER.                                    |
| 17     | PROPOSED BENCHES ON PERIMETER WALKING PATH.                                  |
| 18     | PROPOSED OPEN TURF AREAS.                                                    |
| 19     | PROPOSED BOCCIE COURTS.                                                      |
| 20     | PROPOSED TABLE AND CHAIRS WITH UMBRELLAS.                                    |
| 21     | PROPOSED SYNTHETIC TURF ON PAVERS FOR FIRE ACCESS.                           |
| 22     | PROPOSED SUN DECK WITH FURNITURE.                                            |
| 23     | PROPOSED WATER FEATURE.                                                      |
| 24     | PROPOSED AMPHITHEATER.                                                       |
| 25     | PROPOSED OPEN METAL FENCE.                                                   |
| 26     | PROPOSED DRY CREEK BED.                                                      |





| REFERENCE NOTES SCHEDULE |                                                                              |
|--------------------------|------------------------------------------------------------------------------|
| SYMBOL                   | DESCRIPTION                                                                  |
| 1                        | PROPOSED BUILDINGS - SEE ARCHITECTURAL PLANS.                                |
| 2                        | PROPOSED MAIN ENTRY WITH GATE HOUSE.                                         |
| 3                        | PROPOSED SECONDARY ENTRY.                                                    |
| 4                        | PROPOSED STORMWATER BASINS - SEE CIVIL PLANS.                                |
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| 11                       | PROPOSED SHORT TERM BIKE RACKS.                                              |
| 12                       | PROPOSED DOG PARK.                                                           |
| 13                       | PROPOSED COMMUNITY GARDEN.                                                   |
| 14                       | PROPOSED PUTTING GREEN.                                                      |
| 15                       | PROPOSED FIRE PIT.                                                           |
| 16                       | PROPOSED SEATING AREA WITH SHADE SHELTER.                                    |
| 17                       | PROPOSED BENCHES ON PERIMETER WALKING PATH.                                  |
| 18                       | PROPOSED OPEN TURF AREAS.                                                    |
| 19                       | PROPOSED BOCCE COURTS.                                                       |
| 20                       | PROPOSED TABLE AND CHAIRS WITH UMBRELLAS.                                    |
| 21                       | PROPOSED SYNTHETIC TURF ON PAVERS FOR FIRE ACCESS.                           |
| 22                       | PROPOSED SUN DECK WITH FURNITURE.                                            |
| 23                       | PROPOSED WATER FEATURE.                                                      |
| 24                       | PROPOSED AMPHITHEATER.                                                       |
| 25                       | PROPOSED OPEN METAL FENCE.                                                   |
| 27                       | PROPOSED PICKLEBALL COURT.                                                   |
| 28                       | PROPOSED CONSTRUCTION FENCE LOCATION.                                        |
| 29                       | PROPOSED FUTURE BUILDING.                                                    |
| 30                       | PROPOSED MARKETING CENTER.                                                   |



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SHADE STUDY CALCULATIONS

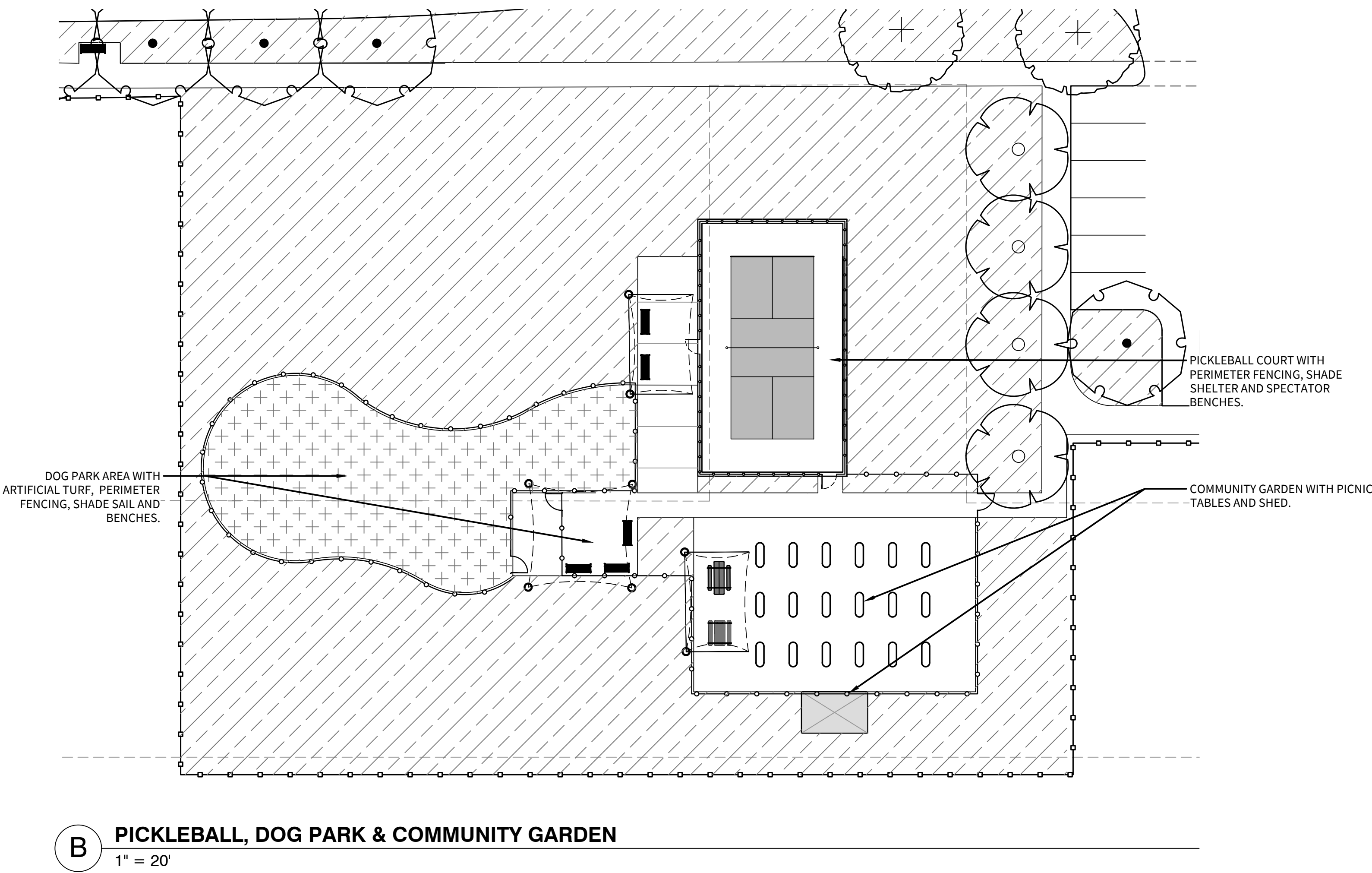
PROJECT: ERICKSON SENIOR LIVING 11.18.2022

|                           |  |     |  |         |
|---------------------------|--|-----|--|---------|
| PHASE 1 & 1A (STAGE 2)    |  |     |  |         |
| STANDARD STALLS           |  | 555 |  | 149,850 |
| COMPACT STALLS            |  | 0   |  | 0       |
| HANDICAP STALLS           |  | 28  |  | 7,560   |
| TOTAL PAVED PARKING AREA: |  |     |  | 157,410 |
| TOTAL SHADE REQUIRED:     |  | 50% |  | 78,705  |
| TOTAL SHADE PROVIDED:     |  |     |  | 90,874  |
| TOTAL SHADE PERCENTAGE    |  |     |  | 58%     |

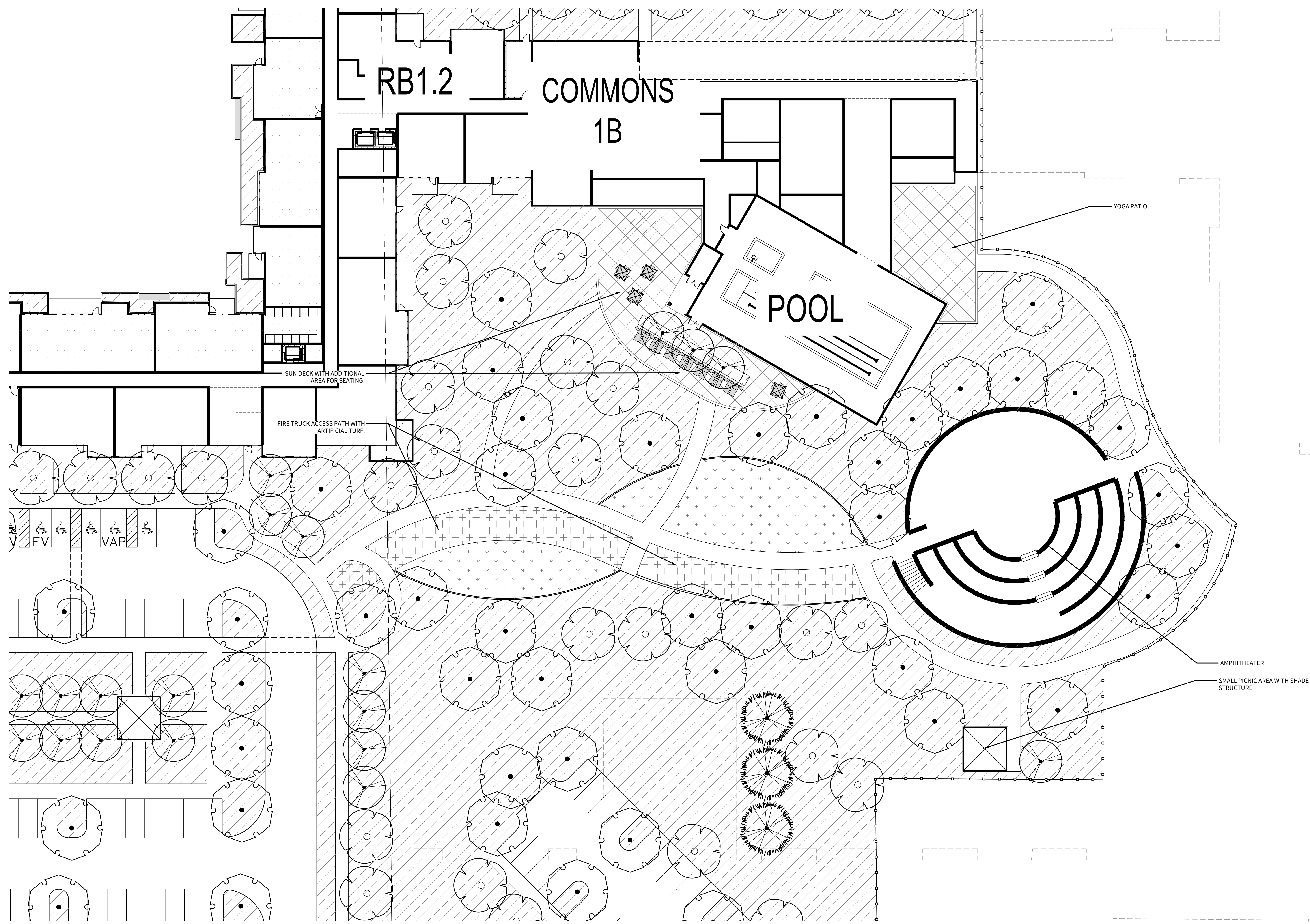
| SYMBOL                                                | PATTERN | QTY. | UNIT | IN S.F. | TOTAL S.F. |
|-------------------------------------------------------|---------|------|------|---------|------------|
| 30 TO 35' TREES                                       |         |      |      |         |            |
| ACER R., PISTACHIA C., ULMUS C., ZELKOVA S.           | 30-F    | 37   | X    | 962     | 35,594     |
|                                                       | 30-TQ   | 15   | X    | 722     | 10,830     |
|                                                       | 30-H    | 70   | X    | 481     | 33,670     |
|                                                       | 30-Q    | 30   | X    | 240     | 7,200      |
| 25' TO 30' TREES                                      |         |      |      |         |            |
| ACER B., GINKGO B., KOELREUTERIA P., ZELKOVA S.       | 25-F    | 0    | X    | 491     | 0          |
|                                                       | 25-TQ   | 0    | X    | 369     | 0          |
|                                                       | 25-H    | 10   | X    | 246     | 2,460      |
|                                                       | 25-Q    | 4    | X    | 123     | 492        |
| 15' TO 20' TREES                                      |         |      |      |         |            |
| CERCIS O., LAGERSTROEMIA I., MAGNOLIA G., CHITALPA T. | 15-F    | 0    | X    | 314     | 0          |
|                                                       | 15-TQ   | 0    | X    | 236     | 0          |
|                                                       | 15-H    | 4    | X    | 157     | 628        |
|                                                       | 15-Q    | 0    | X    | 79      | 0          |
| TOTAL                                                 |         |      |      |         | 90,874     |

CONCEPT PLANT SCHEDULE

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>SHADE TREES</b><br>ACER RUBRUM 'OCTOBER GLORY' / OCTOBER GLORY RED MAPLE (40'X35')<br>CELTIS OCCIDENTALIS / CHINESE HACKBERRY (40'X40')<br>PISTACHIA CHINENSIS / CHINESE PISTACHE (40'X40')<br>ZELKOVA SERRATA 'VILLAGE GREEN' / VILLAGE GREEN SAWLEAF ZELKOVA (50'X35')                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|  | <b>SCREEN TREES</b><br>CEDRUS DEODARA / DEODAR CEDAR (60'X40')*<br>PODOCARPUS GRACILIOR / FERN PINE (40'X20')*<br>QUERCUS ILEX / HOLLY OAK (60'X40')                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|  | <b>ACCENT TREES</b><br>CERCIS OCCIDENTALIS / WESTERN REDBUD (18'X18')<br>LAGERSTROEMIA INDICA X FAURIEI 'ARAPHO' / RED CRAPE MYRTLE (25'X20')<br>MAGNOLIA GRANDIFLORA 'LITTLE GEM' / LITTLE GEM DWARF MAGNOLIA (25'X15')*<br>X CHITALPA TASHKENTENSIS 'PINK DAWN' / PINK DAWN CHITALPA (30'X25')                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|  | <b>SUBORDINATE TREES</b><br>ACER BUERGERIANUM / TRIDENT MAPLE (25'X25')<br>GINKGO BILOBA 'PRINCETON SENTRY' / MAIDENHAIR TREE (40'X20')<br>KOELREUTERIA PANICULATA / GOLDEN RAIN TREE (35'X30')<br>ZELKOVA SERRATA 'MUSASHINO' / MUSASHINO SAWLEAF ZELKOVA (40'X15')                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|  | <b>STREET TREE</b><br>LIRIODENDRON TULIPIFERA / TULIP TREE (60'X40')<br>QUERCUS RUBRA / RED OAK (60'X45')                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|  | <b>SHRUB AREA</b><br>ACACIA COGNATA 'ACCOG01' / COUSIN ITT LITTLE RIVER WATTLE (3'X5')<br>CALLISTEMON VIMINALIS 'LITTLE JOHN' / LITTLE JOHN WEeping BOTTLEBRUSH (3'X3')<br>CISTUS X PURPUREUS / ORCHID ROCKROSE (4'X4')<br>DIANELLA TASMANICA 'VARIEGATA' / VARIEGATED FLAX LILY (4'X3')<br>DIETES BICOLOR / FORTNIGHT LILY (3'X3')<br>ELAEAGARPUS DECIPIENS 'MONPROUD' / JAPANESE BLUEBERRY TREE DWARF (10'X8')<br>GREVILLEA X 'NOELLI' / NOEL GREVILLEA (4'X5')<br>HYPERICUM X MOSERANUM / GOLD FLOWER (3'X3')<br>MUHLENBERGIA RIGENS / DEER GRASS (4'X4')<br>NANDINA DOMESTICA 'GULF STREAM' TM / GULF STREAM HEAVENLY BAMBOO (4'X2')<br>PRUNUS CAROLINIANA 'MONUS' TM / BRIGHT 'N TIGHT LAUREL CHERRY (8'X6')<br>RHAMNUS CALIFORNICA 'MOUND SAN BRUNO' / CALIFORNIA COFFEEBERRY (5'X8')<br>RHAPHIOLEPIS UMBELLATA / YEDDA HAWTHORN (5'X5')<br>RHAPHIOLEPIS UMBELLATA 'MINOR' / DWARF YEDDA HAWTHORNE (4'X4') |
|  | <b>GROUND COVER AREA</b><br>ARCTOSTAPHYLOS X 'EMERALD CARPET' / EMERALD CARPET MANZANITA (12"X5")<br>COPROSMA KIRKII 'VERDE VISTA' / VERDE VISTA CREEPING COPROSMA (3'X6')<br>COTONEASTER DAMMERI 'LOWFAST' / LOWFAST BEARBERRY COTONEASTER (8'X6')<br>LOMANDRA LONGIFOLIA 'BREEZE' / BREEZE MAT RUSH (3'X3')<br>TEUCRIUM X LUCIDRYS PROSTRATUM / GERMANDER (6'X3')                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|  | <b>TURF AREA</b><br>TURF SOD BOLERO PLUS / FESCUE BLEND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|  | <b>TURF - SYNTHETIC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



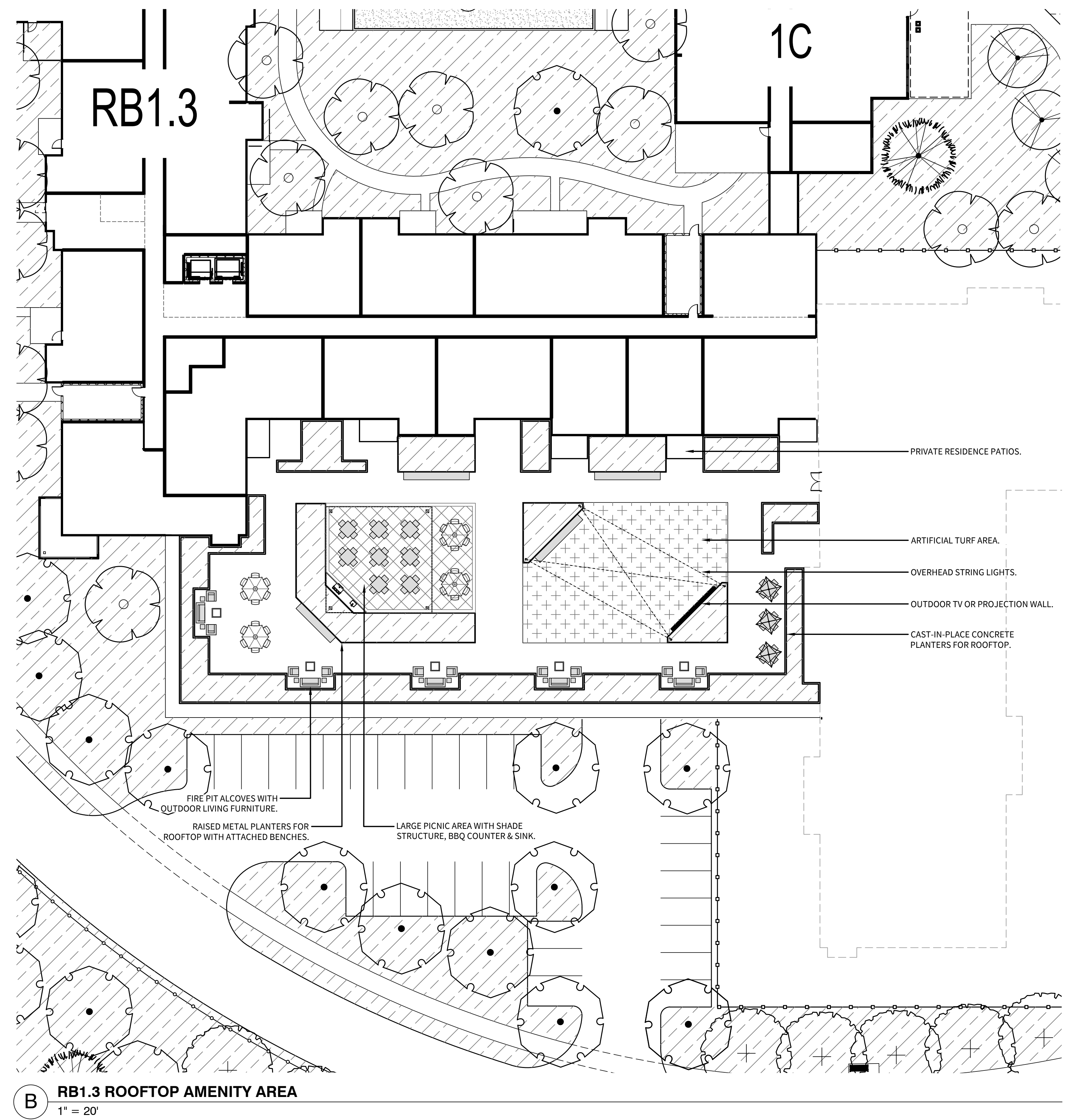
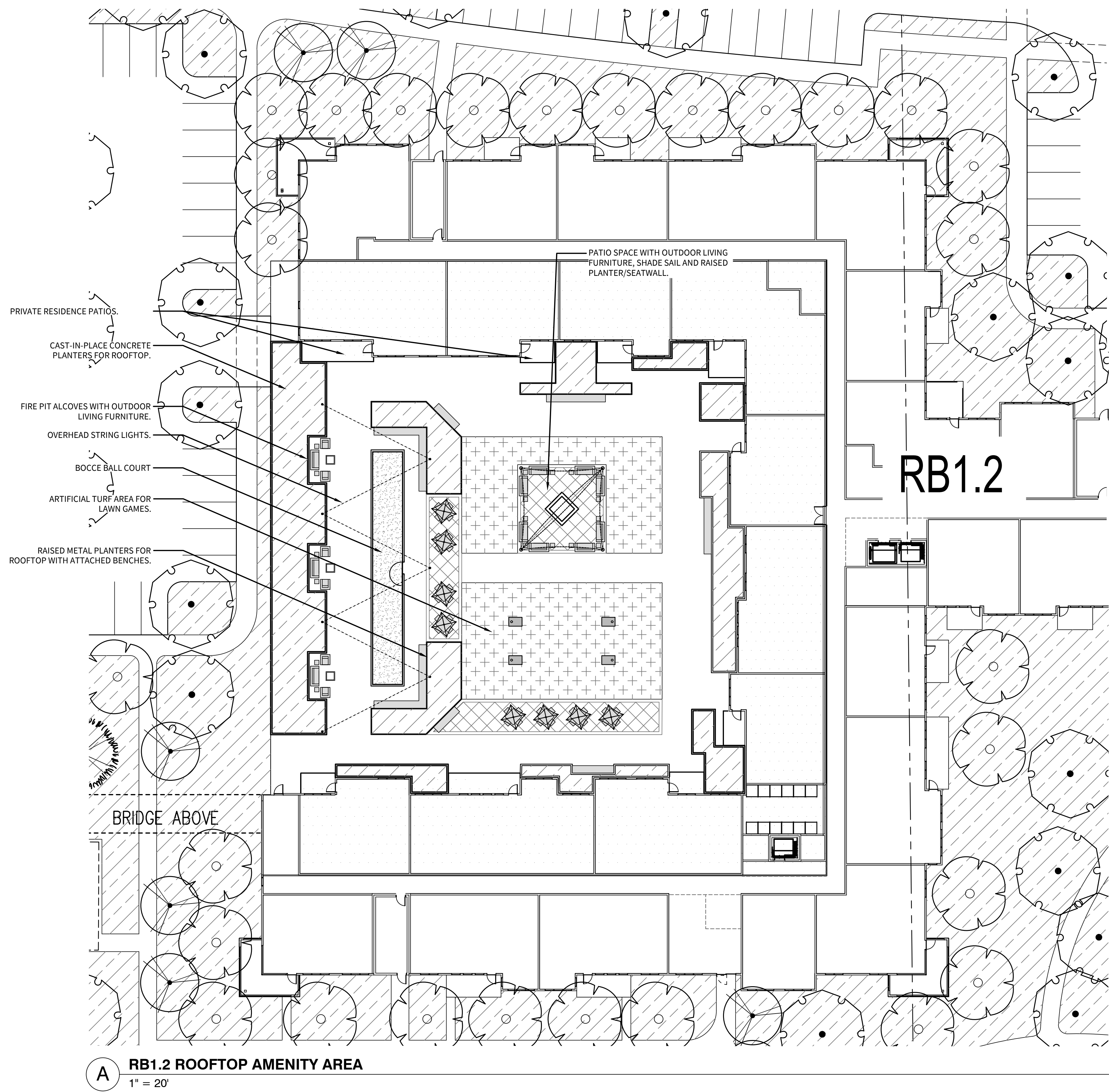




A COMMONS 1B COURTYARD  
1" = 20'

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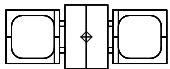
SIERRA VILLAGE DRIVE

SANTUCCI BOULEVARD

MATCHLINE - SEE SHEET E-2

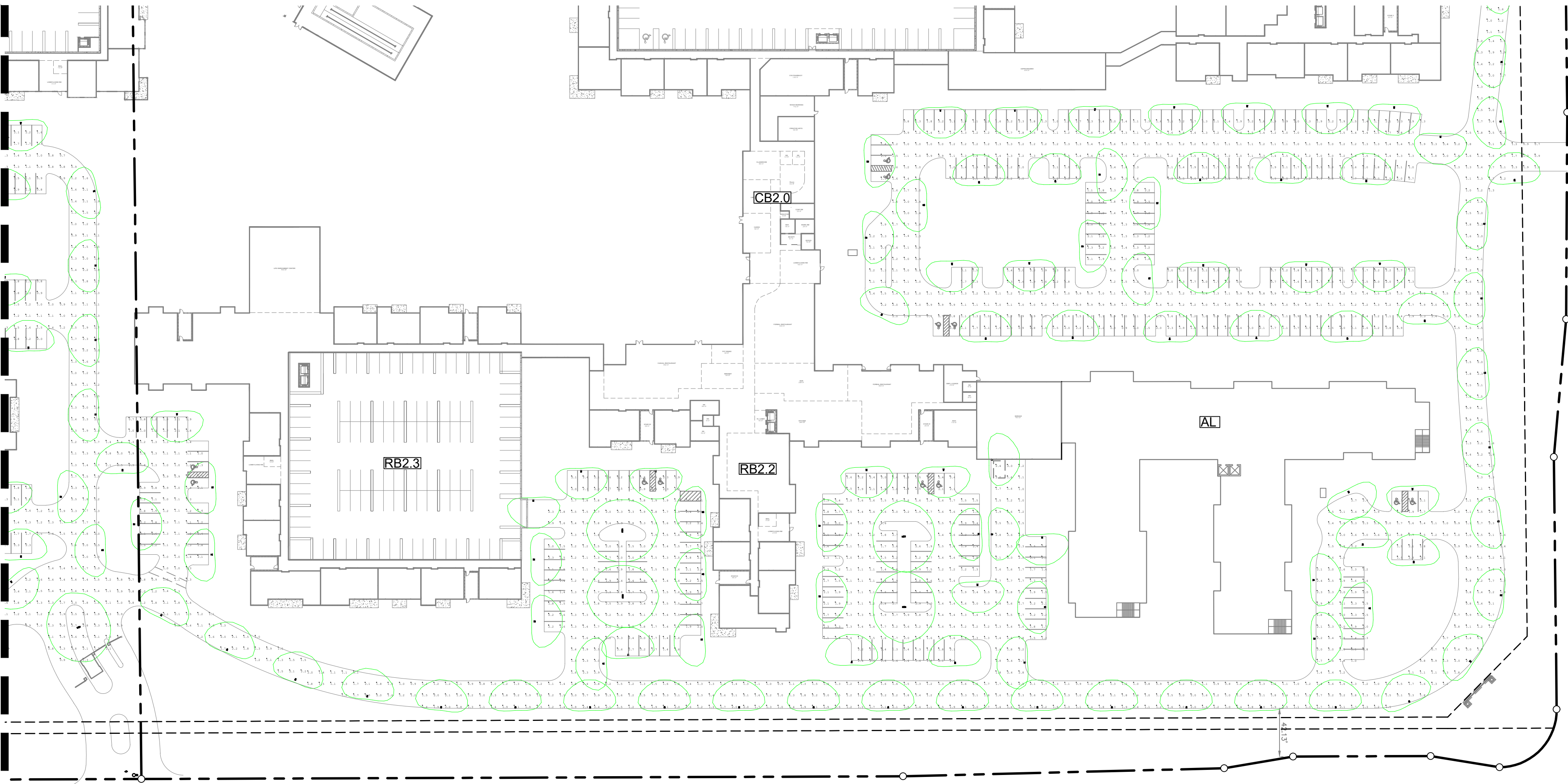
MATCHLINE - SEE SHEET E-3

| Calculation Summary |             |       |      |     |     |         |         |
|---------------------|-------------|-------|------|-----|-----|---------|---------|
| Label               | CalcType    | Units | Avg  | Max | Min | Avg/Min | Max/Min |
| Park n Ride         | Illuminance | Fc    | 1.44 | 2.5 | 0.7 | 2.06    | 3.57    |
| Parking 1           | Illuminance | Fc    | 1.37 | 2.8 | 0.7 | 1.96    | 4.00    |
| Parking 2           | Illuminance | Fc    | 1.57 | 2.9 | 0.8 | 1.96    | 3.63    |
| Parking 3           | Illuminance | Fc    | 1.44 | 2.6 | 0.7 | 2.06    | 3.71    |
| Parking 4           | Illuminance | Fc    | 1.68 | 3.0 | 0.7 | 2.40    | 4.29    |
| Parking 5           | Illuminance | Fc    | 1.47 | 2.8 | 0.7 | 2.10    | 4.00    |
| Parking 6           | Illuminance | Fc    | 1.42 | 2.6 | 0.7 | 2.03    | 3.71    |
| Parking 7           | Illuminance | Fc    | 1.52 | 2.8 | 0.7 | 2.17    | 4.00    |
| Parking 8           | Illuminance | Fc    | 1.56 | 2.9 | 0.7 | 2.23    | 4.14    |

| Luminaire Schedule                                                                  |     |           |             |                |       |                  |
|-------------------------------------------------------------------------------------|-----|-----------|-------------|----------------|-------|------------------|
| Symbol                                                                              | Qty | Label     | Arrangement | Description    | L/LF  | Luminaire Lumens |
|  | 22  | 37W LED_D | Back-Back   | KH15QC1X37U4KC | 0.920 | 4653             |
|  | 319 | 37W LED   | Single      | KH15QC1X37U4KC | 0.920 | 4653             |



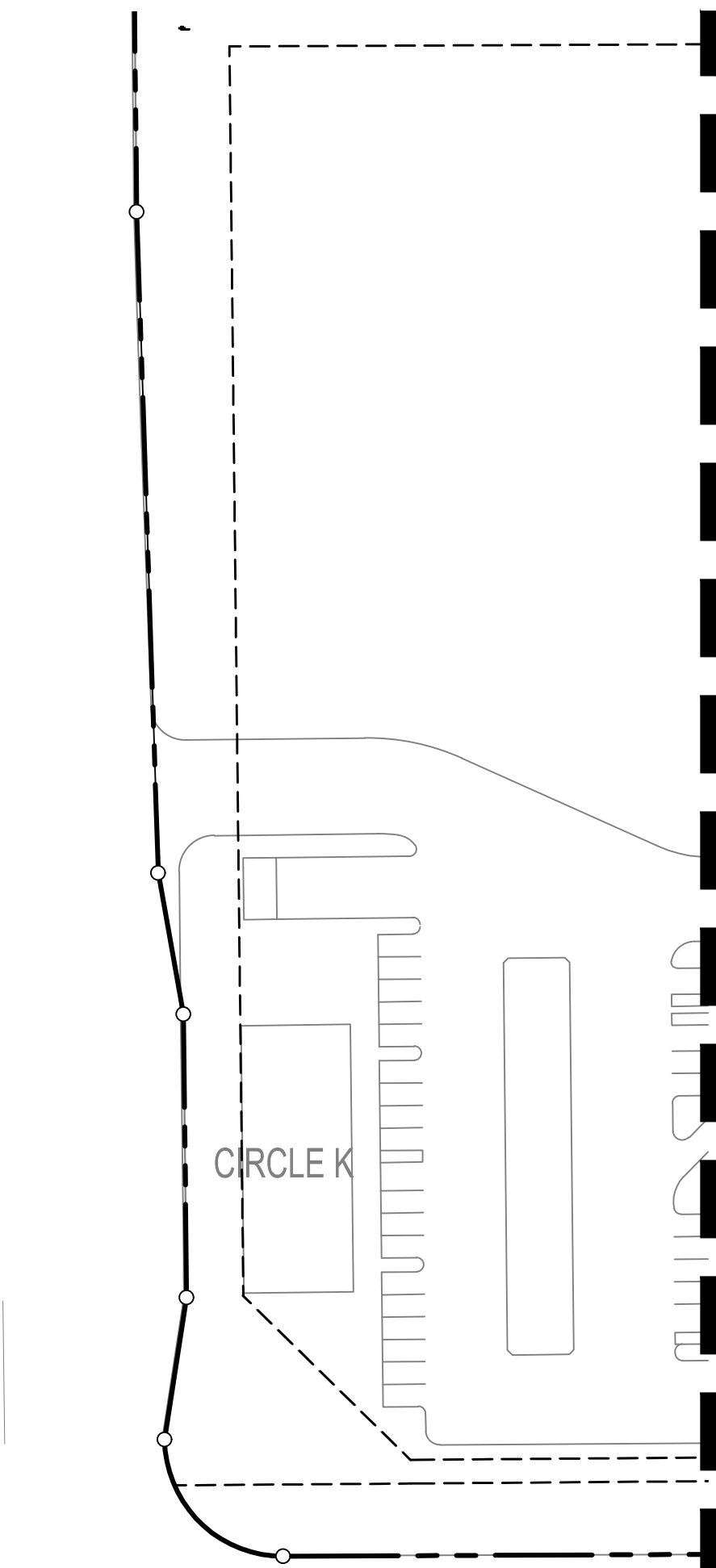
MATCHLINE - SEE SHEET E-1



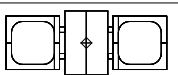
BASELINE ROAD

BASELINE ROAD

MATCHLINE - SEE SHEET E-4

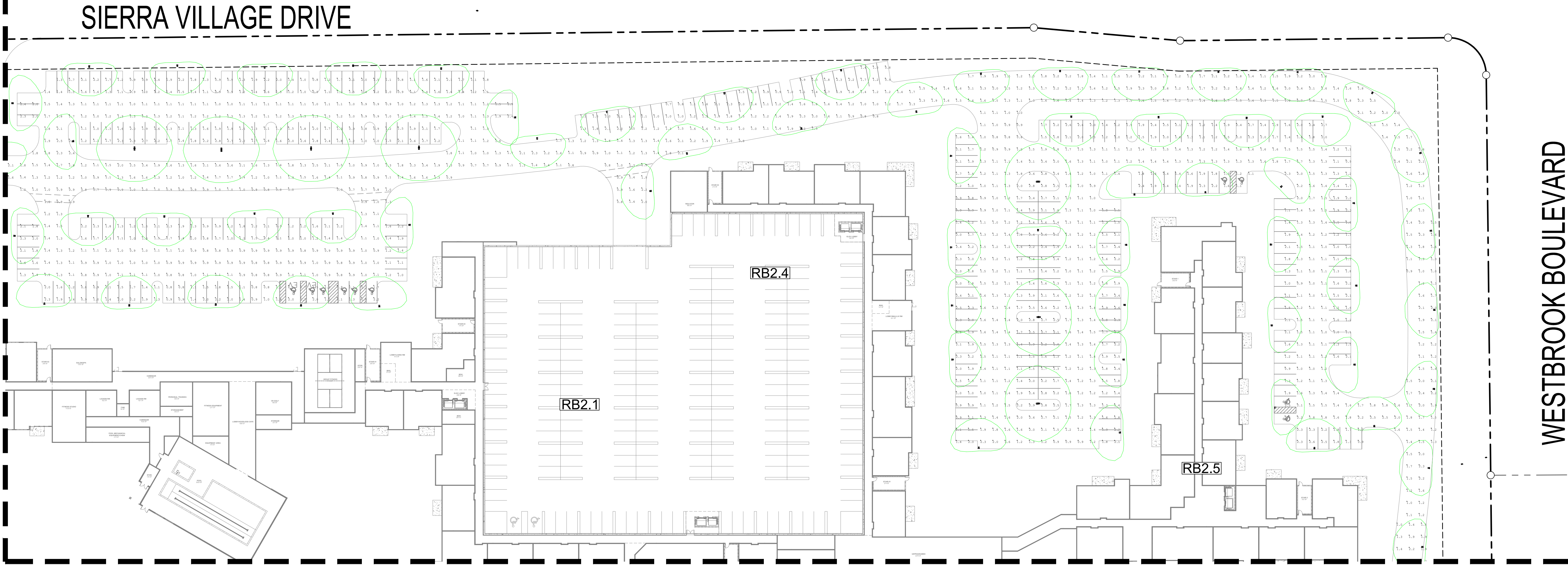


| Calculation Summary |             |       |      |     |     |         |         |
|---------------------|-------------|-------|------|-----|-----|---------|---------|
| Label               | CalcType    | Units | Avg  | Max | Min | Avg/Min | Max/Min |
| Park n Ride         | Illuminance | Fc    | 1.44 | 2.5 | 0.7 | 2.06    | 3.57    |
| Parking 1           | Illuminance | Fc    | 1.37 | 2.8 | 0.7 | 1.96    | 4.00    |
| Parking 2           | Illuminance | Fc    | 1.57 | 2.9 | 0.8 | 1.96    | 3.63    |
| Parking 3           | Illuminance | Fc    | 1.44 | 2.6 | 0.7 | 2.06    | 3.71    |
| Parking 4           | Illuminance | Fc    | 1.68 | 3.0 | 0.7 | 2.40    | 4.29    |
| Parking 5           | Illuminance | Fc    | 1.47 | 2.8 | 0.7 | 2.10    | 4.00    |
| Parking 6           | Illuminance | Fc    | 1.42 | 2.6 | 0.7 | 2.03    | 3.71    |
| Parking 7           | Illuminance | Fc    | 1.52 | 2.8 | 0.7 | 2.17    | 4.00    |
| Parking 8           | Illuminance | Fc    | 1.56 | 2.9 | 0.7 | 2.23    | 4.14    |

| Luminaire Schedule                                                                  |     |           |             |                |       |                  |
|-------------------------------------------------------------------------------------|-----|-----------|-------------|----------------|-------|------------------|
| Symbol                                                                              | Qty | Label     | Arrangement | Description    | LLF   | Luminaire Lumens |
|  | 22  | 37W LED_D | Back-Back   | KH15QC1X37U4KC | 0.920 | 4653             |
|  | 319 | 37W LED   | Single      | KH15QC1X37U4KC | 0.920 | 4653             |



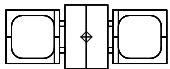
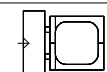
MATCHLINE - SEE SHEET E-1



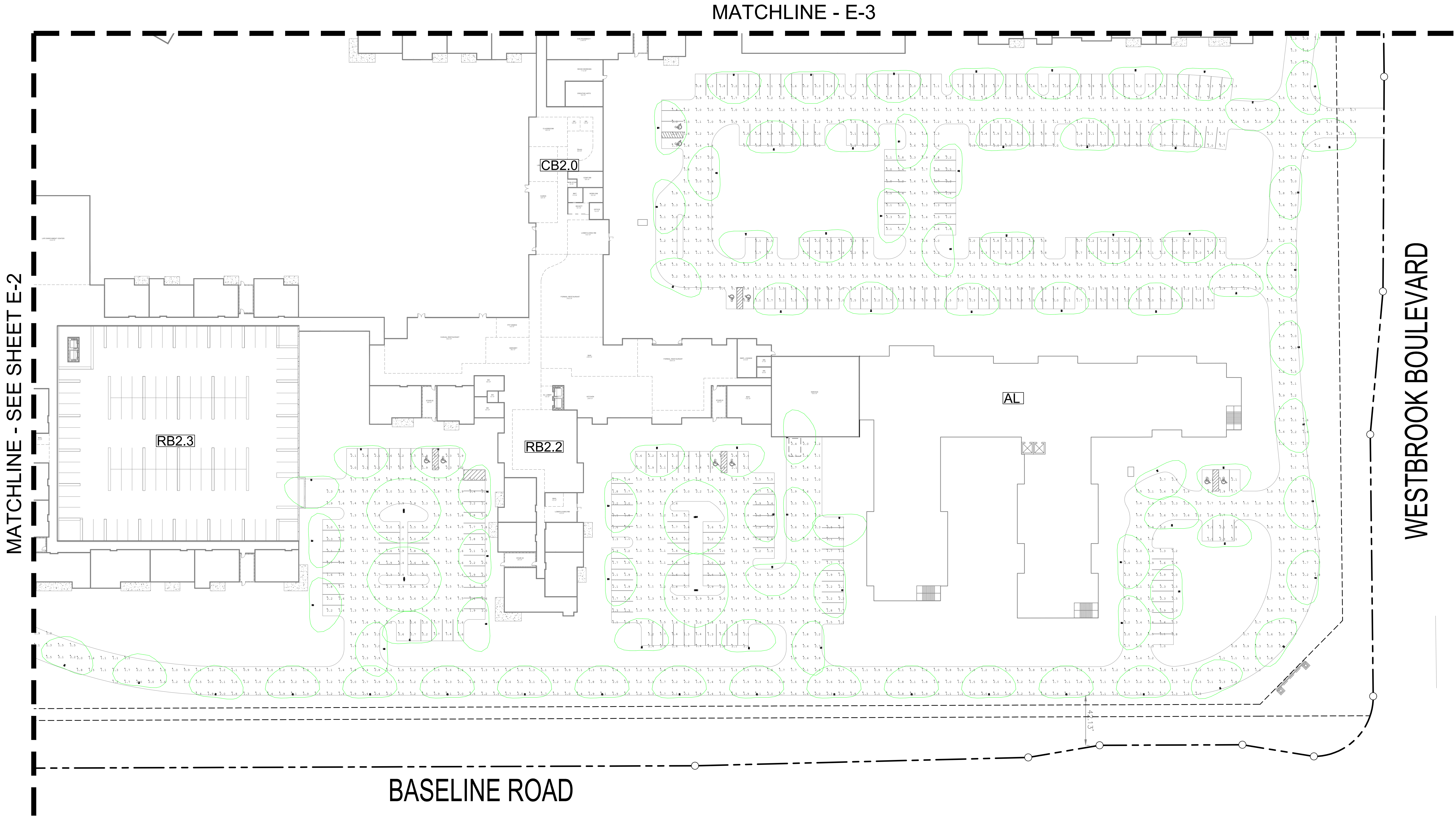
WESTBROOK BOULEVARD

MATCHLINE - SEE SHEET E-4

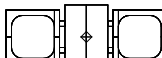
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|---------------------|-------------|-------|------|-----|-----|---------|---------|
| Label               | CalcType    | Units | Avg  | Max | Min | Avg/Min | Max/Min |
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| Parking 4           | Illuminance | Fc    | 1.68 | 3.0 | 0.7 | 2.40    | 4.29    |
| Parking 5           | Illuminance | Fc    | 1.47 | 2.8 | 0.7 | 2.10    | 4.00    |
| Parking 6           | Illuminance | Fc    | 1.42 | 2.6 | 0.7 | 2.03    | 3.71    |
| Parking 7           | Illuminance | Fc    | 1.52 | 2.8 | 0.7 | 2.17    | 4.00    |
| Parking 8           | Illuminance | Fc    | 1.56 | 2.9 | 0.7 | 2.23    | 4.14    |

| Luminaire Schedule                                                                  |     |           |             |                |       |                  |
|-------------------------------------------------------------------------------------|-----|-----------|-------------|----------------|-------|------------------|
| Symbol                                                                              | Qty | Label     | Arrangement | Description    | L/LF  | Luminaire Lumens |
|  | 22  | 37W LED D | Back-Back   | KH15QC1X37U4KC | 0.920 | 4653             |
|  | 319 | 37W LED   | Single      | KH15QC1X37U4KC | 0.920 | 4653             |





| Calculation Summary |             |       |      |     |     |         |         |
|---------------------|-------------|-------|------|-----|-----|---------|---------|
| Label               | CalcType    | Units | Avg  | Max | Min | Avg/Min | Max/Min |
| Park n Ride         | Illuminance | Fc    | 1.44 | 2.5 | 0.7 | 2.06    | 3.57    |
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| Parking 3           | Illuminance | Fc    | 1.44 | 2.6 | 0.7 | 2.06    | 3.71    |
| Parking 4           | Illuminance | Fc    | 1.68 | 3.0 | 0.7 | 2.40    | 4.29    |
| Parking 5           | Illuminance | Fc    | 1.47 | 2.8 | 0.7 | 2.10    | 4.00    |
| Parking 6           | Illuminance | Fc    | 1.42 | 2.6 | 0.7 | 2.03    | 3.71    |
| Parking 7           | Illuminance | Fc    | 1.52 | 2.8 | 0.7 | 2.17    | 4.00    |
| Parking 8           | Illuminance | Fc    | 1.56 | 2.9 | 0.7 | 2.23    | 4.14    |

| Luminaire Schedule                                                                  |     |           |             |                |       |                  |
|-------------------------------------------------------------------------------------|-----|-----------|-------------|----------------|-------|------------------|
| Symbol                                                                              | Qty | Label     | Arrangement | Description    | LtF   | Luminaire Lumens |
|  | 22  | 37W LED D | Back-Back   | KH15QC1X37U4KC | 0.920 | 4653             |
|  | 319 | 37W LED   | Single      | KH15QC1X37U4KC | 0.920 | 4653             |



# Erickson Senior Living Roseville

## **Design Guidelines**

April 2023



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## Purpose of Design Guidelines

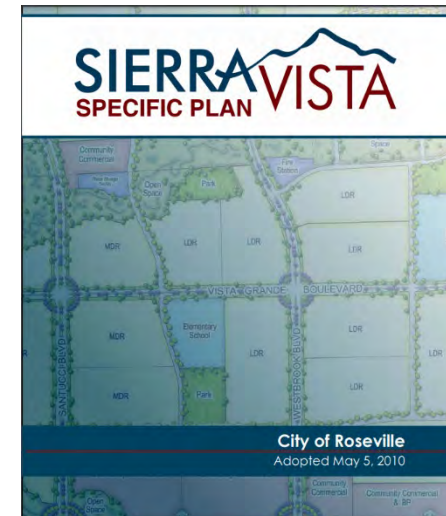
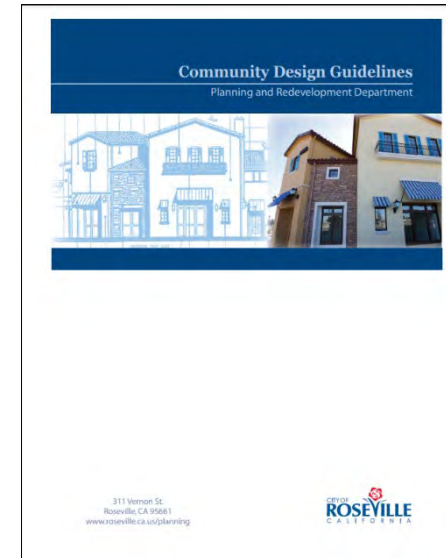
These Design Guidelines provide an overarching design framework for the Erickson Senior Living project. The Guidelines are intended to provide design guidance for the physical form of project elements. The project will be developed in multiple phases over time and these Guidelines will create design consistency among the phases.

The overall Erickson Senior Living project is entitled under a Major Project Permit (MPP) Stage 1, and each project phase under a MPP Stage 2. Each project phase shall be consistent with these Guidelines.

Changes to certain project conditions may occur due to improved technology or materials that provide a more desirable design solution than described in these Guidelines. These Guidelines should be applied flexibly.

## Relationship to Other Guidelines

In addition to these Guidelines, the Roseville Community Design Guidelines (RCDG) and Sierra Vista Specific Plan Design Guidelines (SVSP DG) apply to the Erickson Senior Living project. To the extent these Guidelines conflict with the RCDG and/or the SVSP DG, the more conservative guideline shall apply.



## Design Intent

In developing the Erickson Senior Living project, Erickson intends to:

- Create a community of multi-scaled residential care, shared services, and amenity buildings surrounding landscaped courtyards and outdoor spaces.
- Provide beautifully landscaped outdoor spaces with shared amenities, outdoor dining and recreational opportunities for residents, staff, and visitors.
- Implement a modern design theme with a variety of building materials in a unified design expression over time.
- Utilize landscape and pedestrian features (walkways, seating areas) as unifying elements.
- Develop a project consistent with the character of the Sierra Vista Specific Plan and adjacent neighborhoods and nearby commercial uses.



## Erickson Senior Living Roseville

Erickson Senior Living, LLC proposes Erickson Senior Living, a continuing care retirement community, on a 55.6± acre site north of Baseline Road in the Sierra Vista Specific Plan (SVSP). The 55.6± acre rectangular project site is north of Baseline Road and south of Sierra Village Drive between Santucci Boulevard and Westbrook Boulevard. The project site consists of SVSP Parcels KT-41A and KT-41B. Open space Parcel KT-81 is southwest of the project on the northeast corner of Santucci Boulevard and Baseline Road.

Erickson proposes a continuing care retirement community with independent living, assisted living, memory care, skilled nursing, other care services, medical services, restaurants, indoor and outdoor recreation amenities. The project features water efficient landscaping, outdoor plazas, seating areas, courtyards, and indoor and outdoor amenities.

The proposed self-contained community will include 2.1 million square feet of continuing care uses in a campus setting with buildings ranging from one to six-stories. Outdoor amenities and green spaces will connect the buildings, and will include walking paths, gardens, outdoor seating, and lounge areas with fire pits, roof decks, a small amphitheater, and dog park.

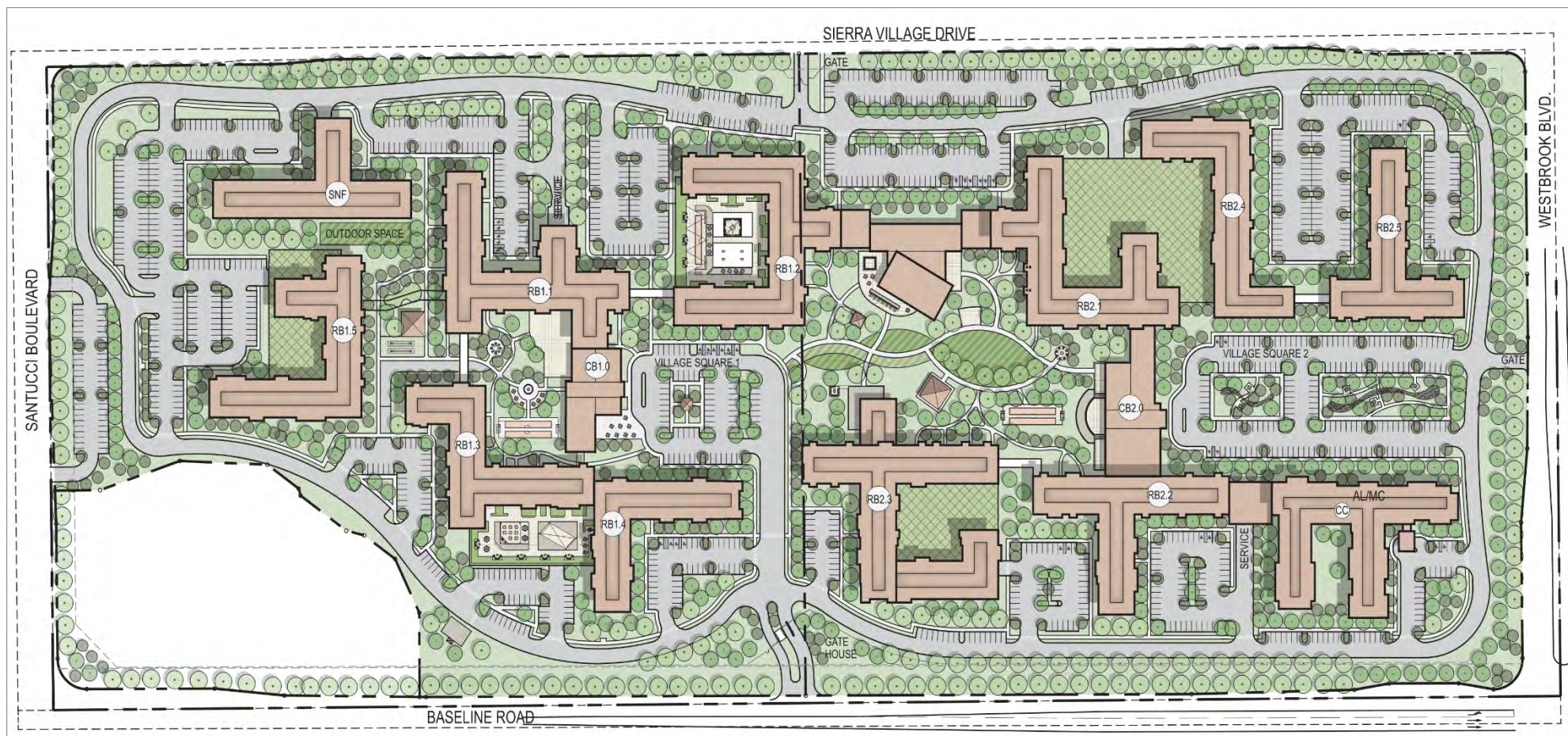
Primary access will be from Baseline Road with a ring road around the campus that accesses parking areas. Service access for regular vendors will be from the entrance on Sierra Village Drive.

The Erickson Senior Living community will provide continuing care services to meet the daily needs of Roseville residents as they age.





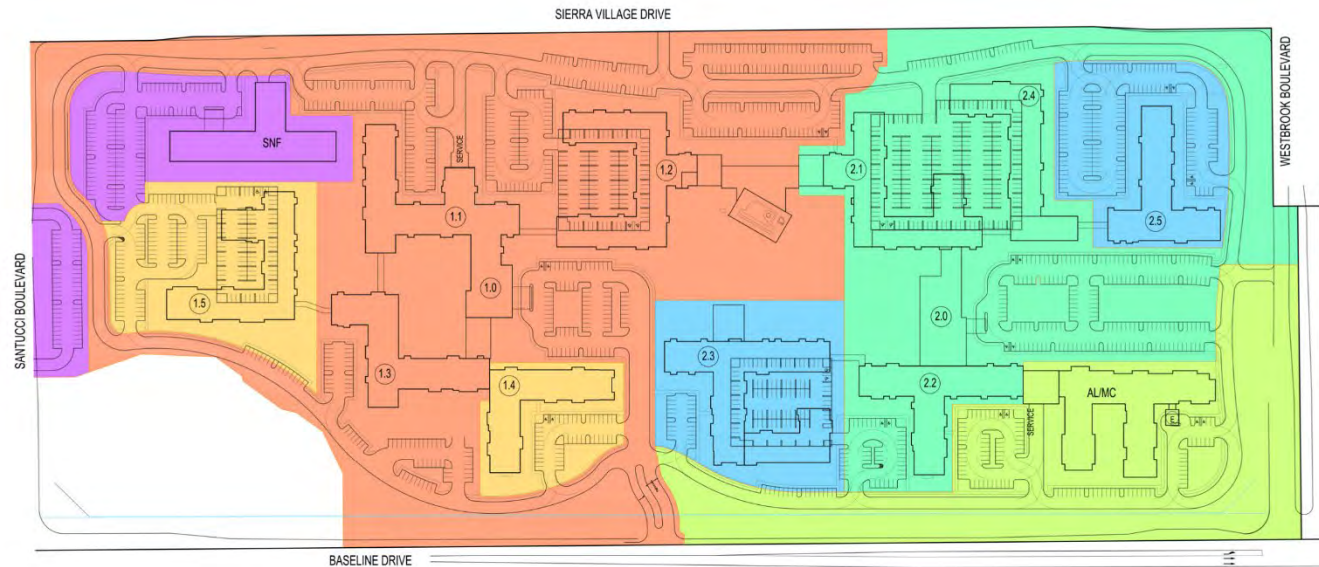
## Illustrative Site Plan



## Project Phasing

The Erickson Senior Living project is entitled under a Major Project Permit (MPP) and will be developed in multiple phases. Each phase shall be consistent with these Guidelines.

|         |                                                     | Square Footage |
|---------|-----------------------------------------------------|----------------|
| Phase 1 | Residential Building 1.1/Commons 1A/Commons 1.0     | 225,730        |
|         | Residential Building 1.2/Commons 1B                 | 214,325        |
|         | Residential Building 1.3/Commons 1C                 | <u>184,075</u> |
|         |                                                     | 624,130        |
| Phase 2 | Residential Building 1.4                            | 151,900        |
|         | Residential Building 1.5                            | <u>198,409</u> |
|         |                                                     | 350,309        |
| Phase 3 | Continuing Care Building                            | 155,568        |
| Phase 4 | Residential Building 2.1/Commons 2A                 | 185,528        |
|         | Residential Building 2.0 and 2.2/Commons 2B         | 213,517        |
|         | Residential Building 2.4                            | <u>125,240</u> |
|         |                                                     | 524,285        |
| Phase 5 | Residential Building 2.3/Commons 2C                 | 277,240        |
|         | Residential Building 2.5                            | <u>171,612</u> |
|         |                                                     | 448,852        |
| Phase 6 | Skilled Nursing Facility (SNF)<br>Park and Ride Lot | 27,262         |
|         |                                                     | 2,130,406      |

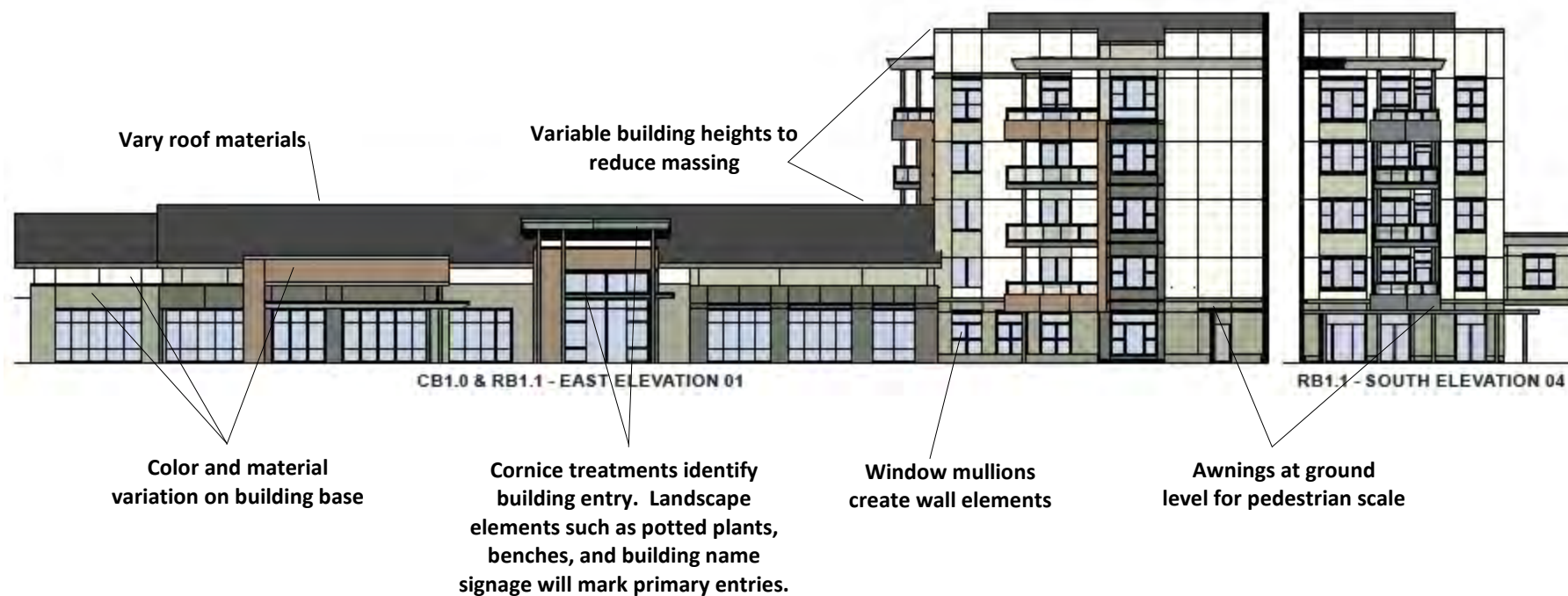




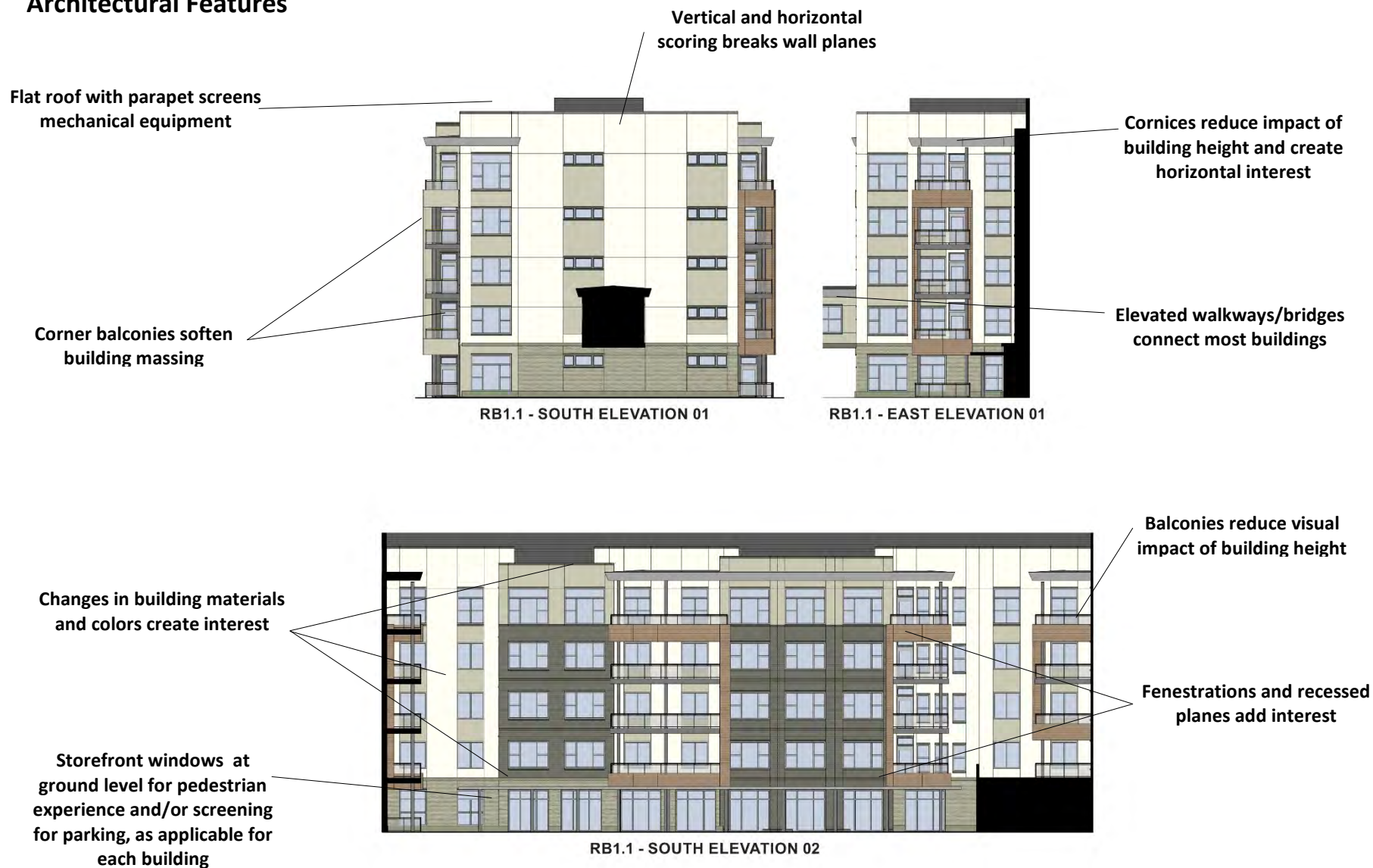
Community Features



## Architectural Features



## Architectural Features





## Architectural Features



## Building Materials and Colors

- Architectural treatment shall be applied to all elevations of a building.
- Buildings shall be faced on all sides with durable, attractive, high-quality materials. Materials shall be applied to buildings such as stone or brick as base materials, concrete masonry, fiber cement plaster for the buildings, and standing seam metal or flat concrete tiles on sloped roofs.
- Creative use of plaster and stucco finishes that add visual depth and texture is encouraged.
- Contrasting or accent colors may be used to emphasize forms or unique features such as canopies or trim. Primary or bright colors are discouraged.
- The building materials and colors on the following page are for the Phase 1 MPP Stage 2 plans. Additional building materials and colors may be introduced in the MPP Stage 2 approvals for subsequent phases.
- Welded wire steel panels may be used in conjunction with railings in amenity areas.

## Building Materials and Colors



FS-01  
**PLANK LAP SIDING**

**TYPE:** Fiber-cement planks  
**FINISH:** Smooth texture  
Manufacturer Primed for Paint  
SW 6201 Thunderous or sim.

Window trim + accent trim:  
SW 7020 Black Fox or sim.



FS-02  
**VERTICAL SIDING**

**TYPE:** Fiber-cement panel siding in vertical format  
Window trim + accent trim to match  
**FINISH:** Cedar texture  
Painted  
SW 2848 Roycroft Pewter or sim.



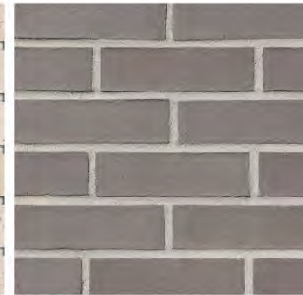
MA-01  
**STONE**

**TYPE:** Manufactured Stone Veneer  
Corner units Required  
Sill/Cap Stone where Required  
**FINISH:** Hewn  
Color as shown above or sim.



MA-02  
**BRICK**

**TYPE:** Face Brick  
Modular, Norman, or Utility  
Cast Stone Sill/Cap where Required  
**FINISH:** Velour  
Color as shown above or sim.



MA-03  
**BRICK**

**TYPE:** Face Brick  
Modular, Norman, or Utility  
Cast Stone Sill/Cap where Required  
**FINISH:** Smooth  
Color as shown above or sim.

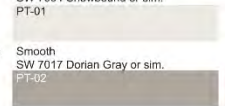


Designations Below  
**PAINTED STUCCO**

**TYPE:** Two-coat assembly over metal lathe

**FINISH:** Smooth  
SW 7004 Snowbound or sim.  
PT-01

**FINISH:** Smooth  
SW 7017 Dorian Gray or sim.  
PT-02



Designations Below  
**CANOPY MTL TRIM**

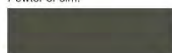
**TYPE:** Fascia Panel System  
**FINISH:** SILVER METALLIC OR SIM.  
MT-01

Color Match SW 2848 Roycroft  
MT-02



MT-03  
**STANDING SEAM METAL ROOF**

**TYPE:** Concealed Fastening System  
2" Stand Off Sliding Clips  
Matching color, gauge, and finish  
for all trim and accessories  
**FINISH:** Pewter or sim.



WD-01  
**CANOPY WOOD-LIKE SOFFIT**

**TYPE:** Aluminum Fiber Cement board or Sim.  
Composite Panel System  
**FINISH:** Western Red Cedar or Sim.



MR-01  
**PAINTED STEEL RAILING**

**TYPE:** High-temp baked enamel  
**FINISH:** SW 2848 Roycroft Pewter or sim.



MR-02  
**WELDED WIRE STEEL RAILING**

**TYPE:** High-temp baked enamel  
**FINISH:** SW 2848 Roycroft Pewter or sim.



W-01  
**FRAMED WINDOWS**

**TYPE:** Vinyl Framed Windows  
**FINISH:** Medium gray exterior color  
Prefinished interior color



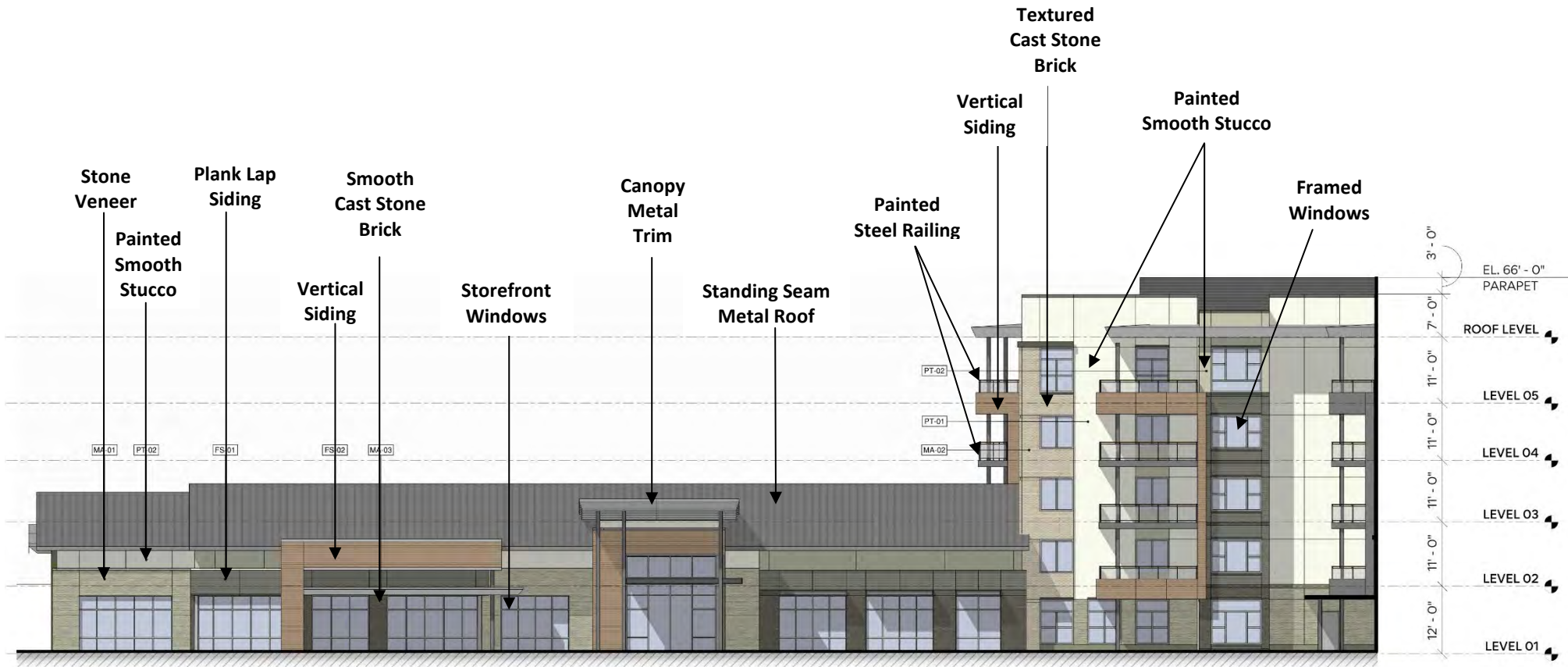
W-02  
**STOREFRONT WINDOWS**

**TYPE:** Aluminum mullion storefront glazing  
**FINISH:** Clear Anodized





Building Materials on Elevation



CB 1.0 & RB 1.1 – East Elevation

## Site Furnishings



Patios with outdoor furnished outdoor lounge area and dining



Sail shades covering patios and outdoor recreation



Pergolas with seating



Shade structures



## Site Furnishings



Clusters of potted plants



Fire bowl



Bicycle rack



Bench seating



Fire table and outdoor seating



Flags



Clusters of potted plants

## Site Features



Outdoor patio with seating and planters



Bocce court and outdoor seating



## Site Features



Outdoor café seating and raised beds for gardening



Small amphitheater seating area



Baseline Road gatehouse concept

## Landscaping

- Landscaping shall be water-efficient, low maintenance, and create a cohesive feel to the Erickson Senior Living campus. The project entry, community spaces, amenity areas, and seating area shall be defined with landscaping.
- Landscaping shall be consistent with the SVSP Design Guidelines Section B.2.
- Landscape Intent
  - *Streetscape Design.* The streetscape shall be consistent with other projects in the SVSP area. The Westbrook Boulevard, Santucci Boulevard, and Sierra Village Drive frontages will utilize a combination of street trees and evergreen subordinate trees. Baseline Road landscaping shall maintain clearance of the PG&E easement. Use of evergreen shrubs and color massed planting shall be incorporated on the street streetscape. Shrub masses will utilize drought tolerant species.
  - *Entry Treatment.* The Baseline entry shall be highlighted by a grove of accent trees with low background planting. Colorful plant materials will further enhance and define the entries.
  - *Building Zone.* Landscaping adjacent to buildings shall focus on pedestrian access and connectivity. A variety of columnar and small-scale trees with low contrasting shrub forms shall be used to add interest, color, and texture. Outdoor plaza spaces with trees will be incorporated among campus buildings, and amenity areas will be landscaped with colorful accent plantings and dry creek beds with low-profile landscaping.
  - *Parking Lot.* Parking lot trees will provide a canopy of shade, and understory plantings will consist of low shrubbery and ground covers.



Dry creek bed with low-profile landscaping.



Landscaped pedestrian connections among buildings.



- A mixture of deciduous and evergreen trees shall be utilized. The following species shall be used.

| Shade Trees             | Screen Trees   | Accent Trees                | Subordinate Trees           | Street Trees |
|-------------------------|----------------|-----------------------------|-----------------------------|--------------|
| ▪ Red Maple             | ▪ Deodar Cedar | ▪ Western Redbud            | ▪ Trident Maple             | ▪ Tulip Tree |
| ▪ Chinese Hackberry     | ▪ Fern Pine    | ▪ Red Crape Myrtle          | ▪ Maidenhair Tree           | ▪ Red Oak    |
| ▪ Chinese Pistache      | ▪ Holly Oak    | ▪ Little Gem Dwarf Magnolia | ▪ Golden Rain Tree          |              |
| ▪ Green Sawleaf Zelkova |                | ▪ Pink Dawn Chitalpa        | ▪ Musashino Sawleaf Zelkova |              |

- Landscaping shall be water efficient.
  - Landscaping and irrigation systems shall be consistent with the City's Water Efficient Landscape Ordinance (WELO);
  - Turf shall be limited to 30% of the area of landscape corridors (SVSP Section 8.2.B);
  - Smart and centrally-controlled irrigation controllers shall be used (SVSP Section 8.2.B);
- The SVSP Design Guidelines requires City Gateway entry features on the project frontage at the northeast corner of Baseline Road/Santucci Boulevard and northwest corner of Baseline Road/Westbrook Boulevard intersections. The City Gateway features shall include a gateway monument sign and enhanced landscaping with colorful accents.
- Tree planting and vines are not permitted within ten (10') feet of the PG&E gas pipeline north of Baseline Road. All landscaping within the pipeline easement must be consistent with PG&E's Guide to Safe Landscaping Near Gas Pipelines.
- Amenity area landscaping shall incorporate hardscapes and site furnishings such as fountains, water features, planters, and seating.





## Landscaping



Planters



Water bubbler



Water bubbler



Water feature



Water feature



Water feature

## Lighting

- Light should be directed downward or shielded to reduce glare.
- Building-mounted light fixtures should be placed to enhance architecture.
- Streetlights shall meet Roseville Electric street lighting standards.
- Decorative light fixtures should be used along the internal loop road.
- Indirect lighting should be used in plaza and landscape areas to accent landscape and architectural features. Low-profile bollard lighting shall be used adjacent to pedestrian paths and amenity areas.
- The height of parking lot light fixtures should not exceed 25 feet.



Decorative fixture example



Low-profile bollard lighting for pedestrian paths



## Fencing

- A black tubular steel open view fence (4-6 feet in height) shall be used in the following locations:
  - Separating the park-and-ride lot from the Erickson Senior Living project;
  - At the southwest edge of the site adjacent to Open Space Parcel KT-81 to restrict access; and
  - Around the site's perimeter.
- A post and cable fence may be used to restrict access to areas.
- A retaining wall is planned on the southwest edge of Parcel KT-41A adjacent to Open Space Parcel KT-80.



Post and cable fence



Open view fence



Engineered retaining wall planned at southwest edge of Parcel KT-41A adjacent to open space parcel KT-81.

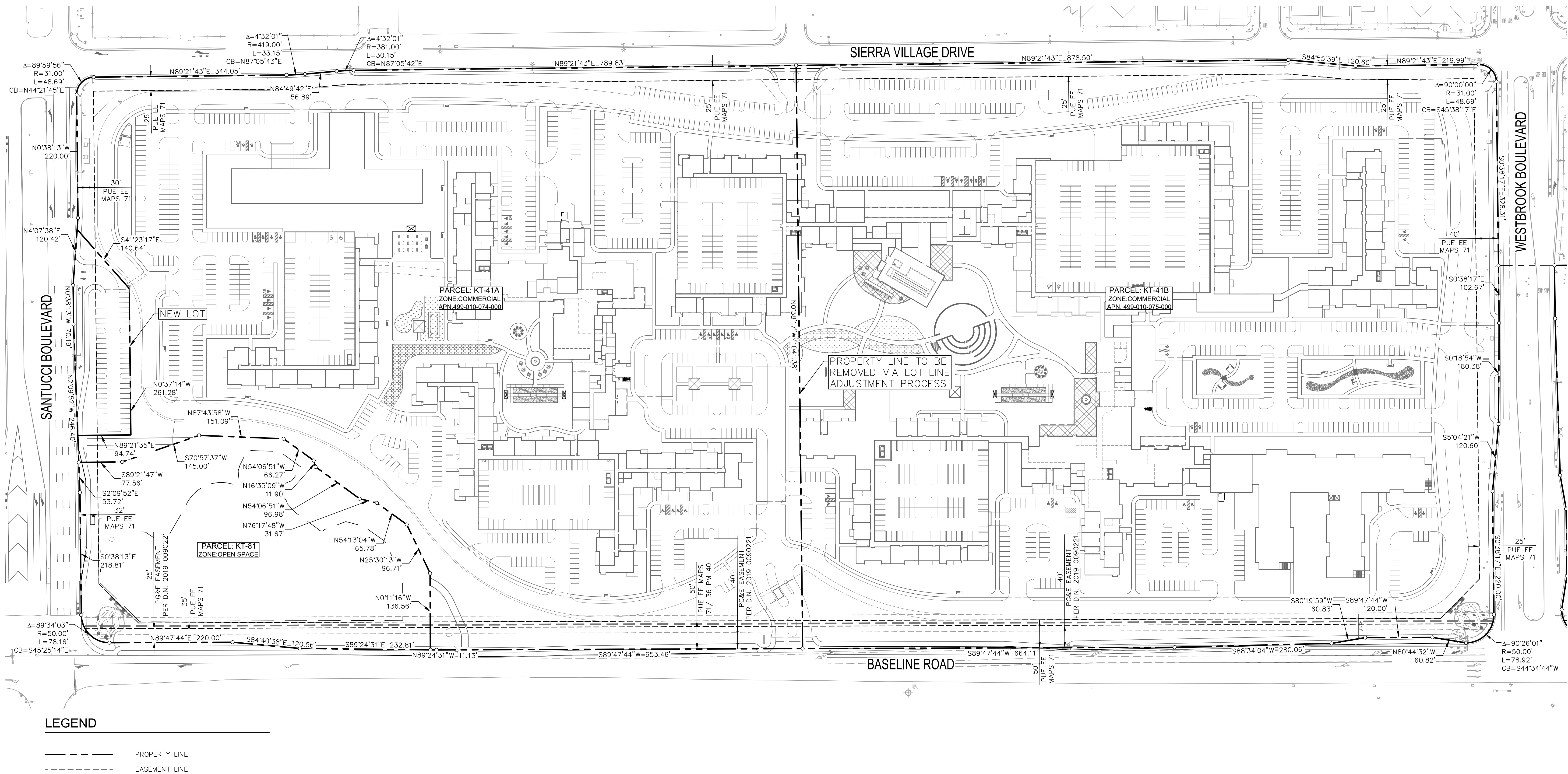
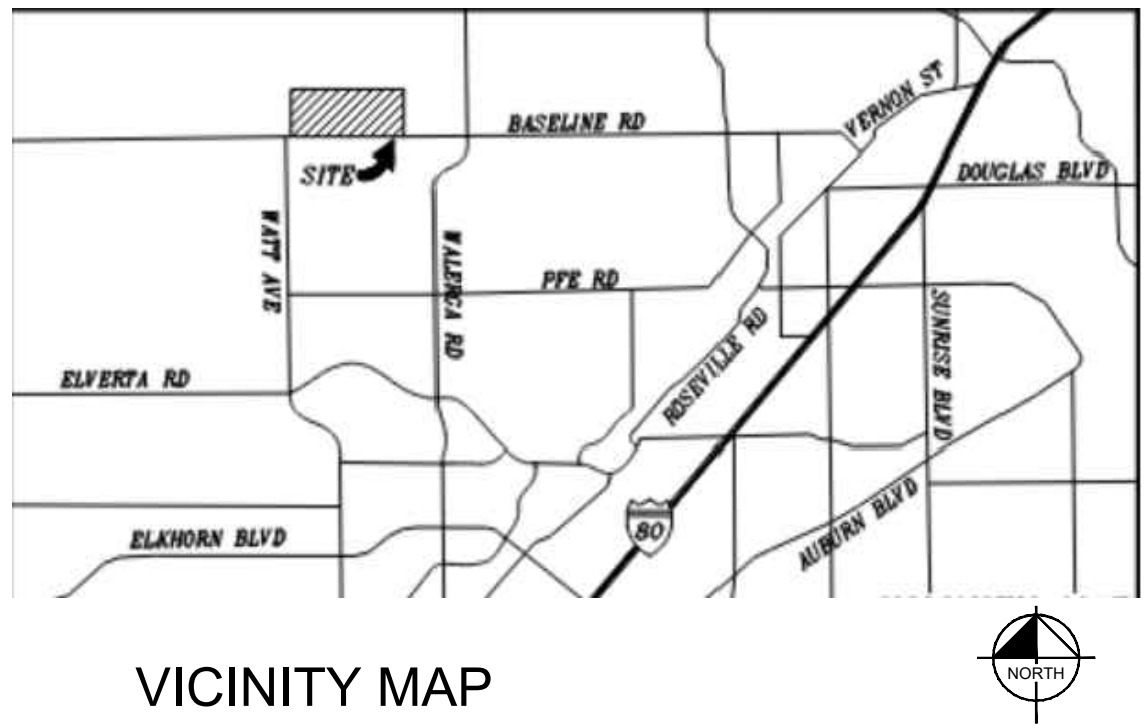
## Signage

- All signage shall be consistent with the Roseville Sign Ordinance (Roseville Municipal Code, Title 12).
- A Planned Sign Permit Program (PSPP) shall be prepared to establish sign criteria for the project consistent with the Sign Ordinance. All signage shall be consistent with the Erickson Senior Living PSPP.
- Signage on the site may include the following:
  - City Gateway monument signs;
  - Community identification monument sign at the main vehicle entry on Baseline Road;
  - Directional monument and wayfinding signs to guide motorists and pedestrians to campus destinations;
  - Building signs to identify building names and addresses; and
  - Temporary sign for marketing building.
- All signage shall be consistent with the project's building architecture, colors, and materials.
- The SVSP Design Guidelines requires City Gateway entry features on the project frontage at the northeast corner of Baseline Road/Santucci Boulevard and northwest corner of Baseline Road/Westbrook Boulevard intersections.
  - City Gateway monument signs shall be installed in the southwest and southeast corners of the site. The signs will be within the corner clips of the Baseline Road/Santucci Boulevard and Baseline Road/Westbrook Boulevard intersections. The signs shall be north of the existing gas pipeline easement north of Baseline Road.



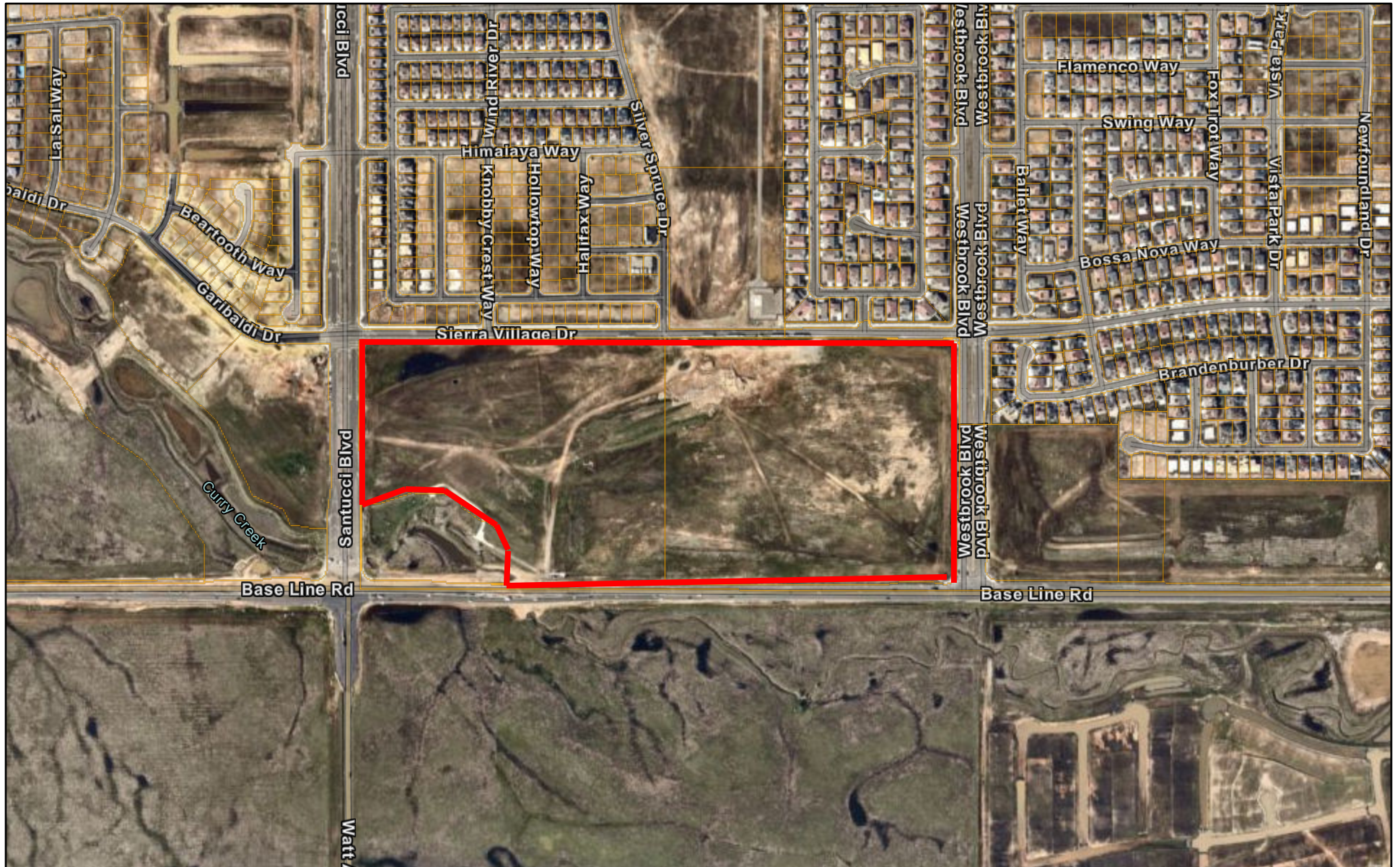
Typical City Gateway monument sign.







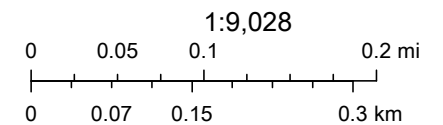
# Vicinity Map



7/25/2023, 4:51:45 PM

Roseville Parcel

Roseville Street Label



Esri Community Maps Contributors, City of Roseville, County of Sacramento, California State Parks, © OpenStreetMap, Microsoft, Esri, HERE, Garmin,

City of Roseville - Development Services  
City of Roseville | Development Services



## **11th ADDENDUM TO THE SIERRA VISTA SPECIFIC PLAN ENVIRONMENTAL IMPACT REPORT (SCH #2008032115, ADOPTED ON MAY 5, 2010)**

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|                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Project Title/File Number:</b> | SVSP PCL KT-41A & KT-41B – Erickson Senior Living; File #PL22-0207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Project Location:</b>          | 6000 Baseline Rd., Roseville, Placer County, CA 95747                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Project Description:</b>       | The applicant requests a Major Project Permit Stage 1 to review the site plan for Erickson Senior Living, a 2.1 million square-foot continuing care retirement community, consisting of approximately 1,200 independent living units, 40 skilled nursing beds, and 200 assisted living/memory care beds, on a 55.6-acre site. A Major Project Permit Stage 2 is also requested to review the building elevations for Phase 1 of the project, which will total approximately 630,000 square feet and include 354 independent living units. A Development Agreement Amendment and Lot Line Adjustment are also requested for the project. |
| <b>Project Applicant:</b>         | Kris Steward, Plan Steward, Inc.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Property Owner:</b>            | KV SIERRA VISTA LLC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Lead Agency Contact:</b>       | Sean Morales, Associate Planner, (916) 774-5282                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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An Addendum to a previously certified and adopted negative declaration or environmental impact report may be prepared for a project if only minor technical changes or additions are necessary or none of the conditions calling for the preparation of a subsequent EIR or negative declaration have occurred (California Environmental Quality Act Guidelines [CEQA] Section 15164). Consistent with CEQA Guidelines Section 15164, the below analysis demonstrates that none of the conditions described in Sections 15162 or 15163 of the CEQA Guidelines calling for preparation of a subsequent or supplemental EIR have occurred and that no more than minor technical changes or additions to the certified Sierra Vista Specific Plan EIR are necessary in order to describe the impacts of the proposed project. CEQA Guidelines Section 15164 also states that an addendum need not be circulated for public review, but can be included in or attached to the final EIR for consideration by the hearing body. This Addendum focuses only on those aspects of the project or its impacts which require additional discussion.

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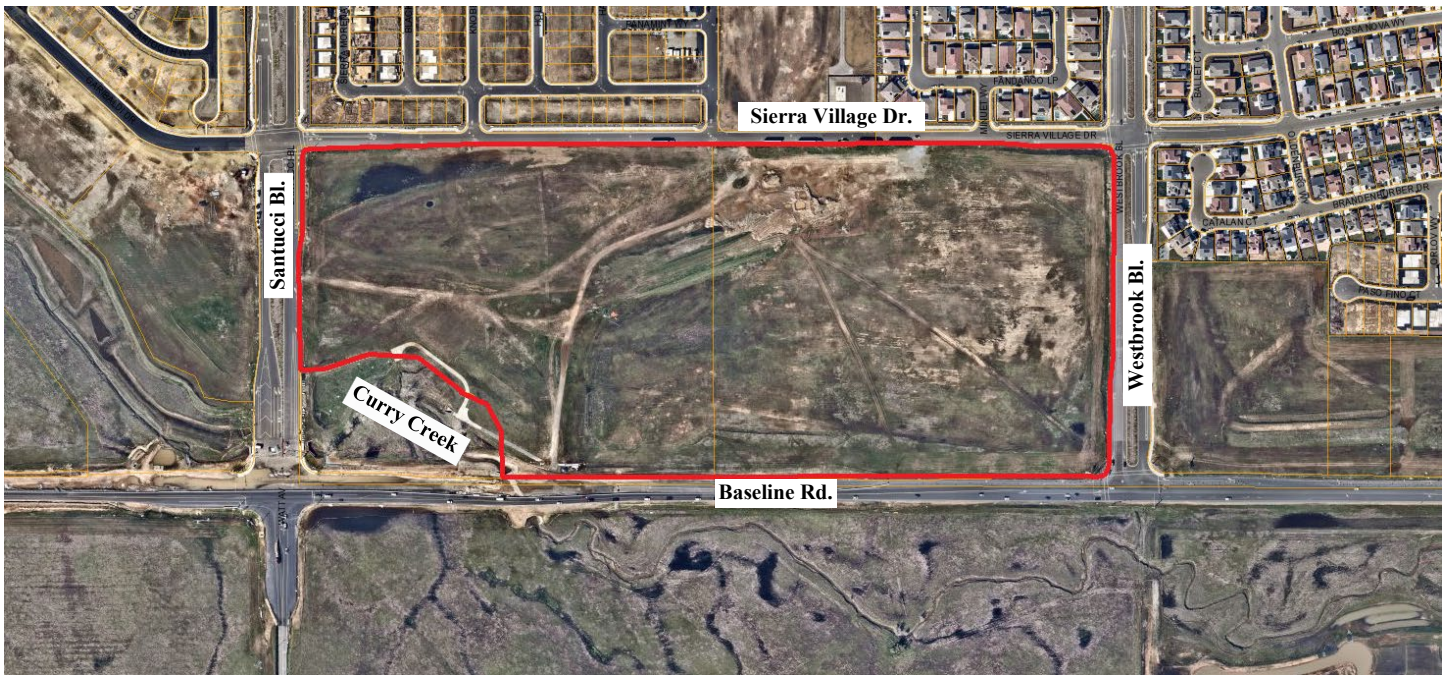


## PROJECT DESCRIPTION

### Project Location

The project address is 6000 Baseline Road, within the southern portion of the Sierra Vista Specific Plan (SVSP), south of Sierra Village Drive, east of Santucci Boulevard, west of Westbrook Boulevard, and north of Baseline Road and Curry Creek (see Figure 1).

**Figure 1: Project Location (parcel bordered in red)**



### Background

The project site is identified as parcels KT-41A and KT-41B within the Sierra Vista Specific Plan (SVSP). The SVSP was adopted on May 5, 2010 and includes 2,064 acres west of Fiddymont Road and north of Baseline Road. The SVSP consists of a mix of land uses, with KT-41A and KT-41B designated for Community Commercial land use. The SVSP anticipated these parcels to be developed with large commercial uses as shown in figure B-29 of the SVSP, which provides a concept design for a commercial center that can support over 950,000 square feet of commercial uses. Prior to taking action on the SVSP, the City adopted Resolution 10-160 certifying an Environmental Impact Report (EIR) and adopting a Mitigation Monitoring Program, collectively analyzing, and reducing to the extent feasible, impacts associated with development that would occur pursuant to the SVSP. Additionally, Development Agreements with the property owners of the SVSP parcels and the City were entered into to outline development obligations within the SVSP.

The current project is a Major Project Permit Stage 1 and Stage 2 for the construction of a continuing care retirement community (see Figure 2). The proposed development is consistent with what was anticipated in the SVSP in that it is composed of a large commercial use that is consistent with the zoning and land use

designations for the site adopted with the SVSP. The addendum documents the details of the site use and layout and how they are within the scope of the impacts anticipated with the SVSP EIR.

| Location                           | Zoning                                         | General Plan Land Use          | Actual Use of Property                       |
|------------------------------------|------------------------------------------------|--------------------------------|----------------------------------------------|
| <b>Site</b>                        | General Commercial                             | Community Commercial           | Leveled and graded, undeveloped              |
| <b>North (West)</b>                | Residential Small Lot/ Development Standards   | Medium-Density Residential     | Single-family subdivision under construction |
| <b>North (Center)</b>              | Parks and Recreation                           | Parks and Recreation           | Graded and undeveloped park site             |
| <b>North (East)</b>                | Residential Small Lot/ Development Standards   | Low-Density Residential        | Single-family subdivision                    |
| <b>South</b>                       | Open Space                                     | Open Space                     | Curry Creek                                  |
| <b>South (Beyond Baseline Rd.)</b> | Specific Plan – Placer Vineyards Specific Plan | Placer Vineyards Specific Plan | Curry Creek                                  |
| <b>West</b>                        | Multi-Family Residential                       | High-Density Residential       | Leveled and graded, undeveloped              |
| <b>East</b>                        | General Commercial                             | Community Commercial           | Leveled and graded, undeveloped              |

## Environmental Setting

The project site was rough-graded and has been annually maintained, and is therefore dominated by relatively flat topography and is devoid of trees, wetlands, or other natural features. The site is primarily populated by non-native annual grasses, and aerial photography shows evidence of ground disturbance, including areas of bare ground and furrows from discing on the property. There are no structures on the property. No native oak trees or other trees are present on the subject parcels. Curry Creek is located south of the project site with the majority located in unincorporated Placer County and a portion located within a designated Open Space preserve within City limits to the southwest of the project site. The Open Space preserve includes the entirety of Curry Creek and its floodplain, including a buffer between any wetland or riparian resources and the boundary of the Open Space parcel.

The project site is bordered by Baseline Road to the south, which is currently a two-lane road but is designated for expansion to six lanes with full buildout of the SVSP area. An open space parcel containing Curry Creek within unincorporated Placer County is located to the south of the project site beyond Baseline Road. The site is bordered on the east by parcel KT-42, which is an undeveloped commercial site and contains similarly disturbed non-native grasslands. The site is bordered on the west by parcel KT-30, which is an undeveloped multi-family residential site and contains similarly disturbed non-native grasslands. The site is bordered on the north by single-family subdivisions as well as a neighborhood park. The site will be served by utilities within Westbrook Boulevard.

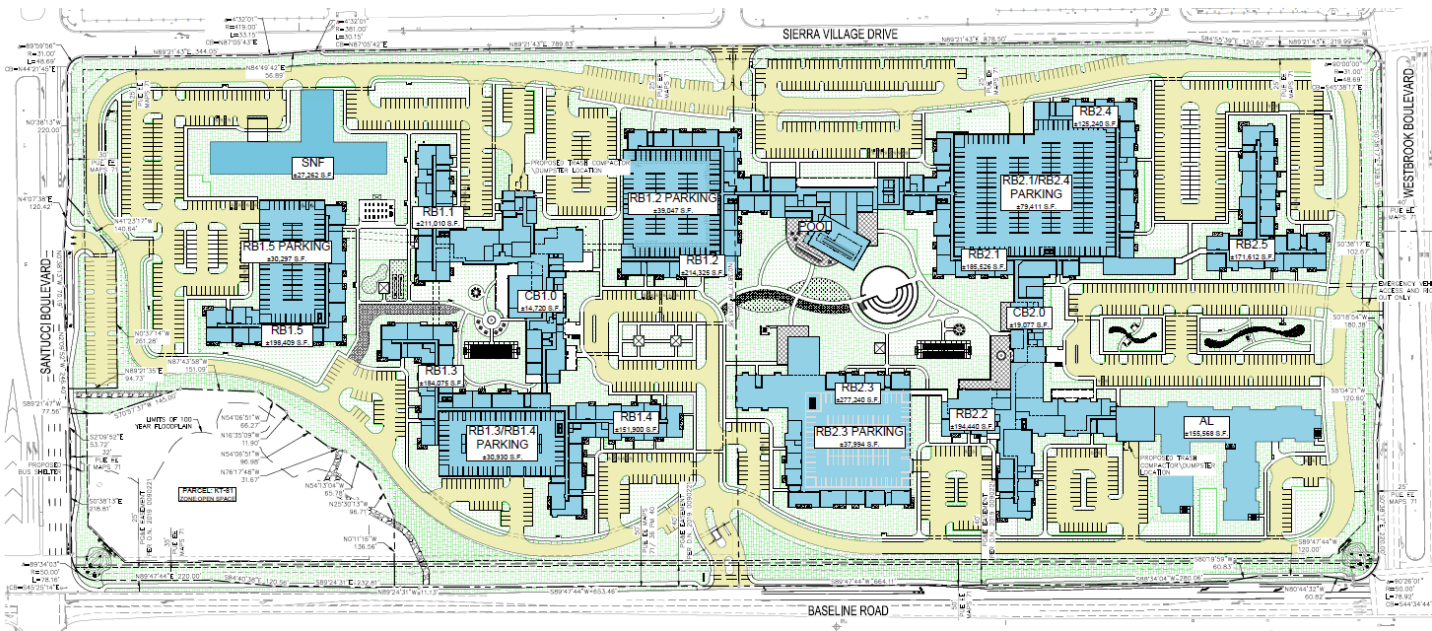


# Proposed Project

The proposed project is a request for a Major Project Permit Stage 1 and Stage 2 to approve the site plan and phase one building elevations for the Erickson Senior Living project for construction of an approximately 2,130,404 square-foot continuing care retirement community and includes the following requested entitlement:

- A. Development Agreement Amendment (DAA) – The project site is within the area covered by the Baseline P&R Development Agreement. The applicant proposes to amend the agreement in order to memorialize the operations and use type classifications of the project as well as timing for needed electrical improvements.
- B. Major Project Permit (MPP) Stage 1 – The intent of the Major Project Permit (MPP) process is to streamline the review of large and diverse projects that could be constructed over a period of several years. The MPP process allows for the resolution of site issues prior to the review of more detailed architectural and landscape issues that may not be finalized at the time the site plan is ready. Stage 1 consists of the approval of a preliminary development plan (Figure 2). The preliminary plan will establish the configuration of the buildings, rough grading and drainage on-site, vehicular and pedestrian circulation, and the preliminary landscape plan. The entire Erickson Senior Living site is included in the MPP Stage 1 review.
- C. Major Project Permit (MPP) Stage 2 – Stage 2 of the Major Project Permit includes review of the architectural design, landscape treatments, and design guidelines. Only Phase 1 of the project is included in the MPP Stage 2 review.
- D. Lot Line Adjustment (LLA) – The applicant proposes to move the existing lot line that divides the two large lot parcels to better accommodate the proposed site plan.

Figure 2. Site Plan



# PURPOSE AND SCOPE OF ADDENDUM

This Addendum has been prepared to identify and assess the anticipated environmental impacts of the above-described project. The document relies on previous environmental documents and site-specific studies prepared

to address in detail the effects or impacts associated with the project as well as updated technical analyses, prepared by qualified consultants. This document has been prepared to satisfy the California Environmental Quality Act (CEQA), (Public Resources Code, Section 21000 et seq.) and the State CEQA Guidelines (14 CCR 15000 et seq.). CEQA requires that all state and local government agencies consider the environmental consequences of projects over which they have discretionary authority before acting on those projects.

Where, as here, an EIR addressing an earlier version of the project has been previously prepared and certified, the lead agency considers the relevance of that prior EIR in light of the current modified version of the project and changed circumstances since the time of the preparation of the prior EIR. Pursuant to CEQA Guidelines §15162–15163, if the lead agency determines, based on substantial evidence, that new information of substantial importance, or changes to the project or surrounding circumstances will require major revisions to the previous EIR due either to a new significant effect or a substantial increase in the severity of a previously identified significant effect on the environment, the lead agency is required to prepare a Subsequent EIR or an EIR Supplement to analyze the project at hand. Pursuant to CEQA Guidelines §15164, if the agency finds no basis for requiring the preparation of either a Subsequent EIR or an EIR Supplement, but some changes or additions are necessary, an Addendum shall be prepared.

The Sierra Vista Specific Plan Environmental Impact Report (SVSP EIR) was certified by City Council on May 5, 2010 (State Clearinghouse Number 2008032115). The document analyzed the impacts that would occur as a result of development of the SVSP area, including a large commercial development on the project site. A copy of the SVSP EIR is available for review online at [www.roseville.ca.us/planning](http://www.roseville.ca.us/planning) under Specific Plans and then the Sierra Vista Specific Plan page. The City Council adopted Findings of Fact and a Statement of Overriding Considerations when it certified the SVSP EIR. The EIR identified the following impacts associated with development of the SVSP area, including the buildout of the project area, as significant and unavoidable:

- Conversion of agricultural land to developed uses
- Inducement of substantial population growth
- Increased traffic on City of Roseville roadways
- Increased traffic on State Highways, including Interstate 80
- Increased traffic on Placer County roadways
- Increased emissions of fugitive dust and PM10 from grading and trenching activities (short term)
- Increased emissions of ozone precursors during construction (short-term)
- Increased emissions of air pollutants during operation
- Loss of oak trees of greater than 6 inches diameter breast height (dbh) (short-term)
- Removal of historically significant properties and/or loss of historic integrity of such resources
- Increased demand for solid waste services at the Western Regional Sanitary Landfill
- Increased demand for solid waste services at the Materials Recovery Facility (MRF)
- Construction debris demand for solid waste services
- Alteration of the visual character of the site and vicinity
- New sources of light and glare

For build out of the SVSP project area, the SVSP EIR also identified the following cumulative impacts as significant and unavoidable:

- Agricultural land conversion
- Air pollutant emissions from construction
- Air pollutant emissions from operation
- Contribution to greenhouse gas emissions/global warming
- On-site noise levels that exceed City standards
- Off-site noise levels that exceed City standards
- Traffic impacts to Roseville, Placer County, Sacramento County, Sutter County and State facilities

- Increased demand for water
- Increased demand for recycled water distribution system
- Increased generation of solid waste
- Change in visual character

The analyses below rely on the EIR analysis with minor supplements or technical updates where appropriate. The project impacts remain within the scope of the impacts of the SVSP EIR, because the proposed project is of the scale, type, and form of development anticipated within the SVSP EIR for the project site. The SVSP EIR anticipated approximately 215 acres of commercial development. In the SVSP, a concept plan for parcels KT-41A and KT-41B was provided to illustrate possible commercial use types and building layouts. The concept project was a large retail center of “over 950,000 square feet of commercial, business professional, and service uses.” The SVSP EIR considered impacts related to project construction and those related to project operation. The Erickson Senior Living project is within the scope of the environmental impacts related to project construction anticipated in the SVSP EIR, which evaluated the impacts of full development of the project site, including grading of the entire site and the construction of large commercial buildings, parking, utilities, and other appurtenances. The operational impacts of the Erickson Senior Living project, as shown in technical studies included in this report, are less intensive than what was previously evaluated in the SVSP EIR as it relates to the project site, and therefore would not result in new or more severe environmental effects than were already analyzed in the SVSP EIR.

Impacts to physical resources (such as agricultural land, biological resources, etc.) are based on the grading and development of a site, not on the arrangement or use of buildings within the site. The entire project site was anticipated to be graded and fully developed with commercial uses within the SVSP EIR. For other types of impacts which are affected by size and use of buildings, such as air quality, minor technical updates have been provided, where necessary. The Environmental Checklist section, below, provides minor supplements or technical updates where appropriate, to demonstrate that the project remains within the scope of the impacts previously analyzed in the EIR.

## ENVIRONMENTAL CHECKLIST FOR ADDENDUM ENVIRONMENTAL REVIEW

The purpose of this checklist is to evaluate the categories in terms of any “changed condition” (i.e. changed circumstances, project changes, or new information of substantial importance) that may result in a changed environmental result. A “no” answer does not necessarily mean there are no potential impacts relative to the environmental category, but that there is no change in the condition or status of the impact since it was analyzed and addressed in prior environmental documents.

## EXPLANATION OF CHECKLIST EVALUATION CATEGORIES

### Where Impact was Analyzed

This column provides a cross-reference to the pages of the prior environmental documents where information and analysis may be found relative to the environmental issue listed under each topic.

### Do Proposed Changes Involve New Significant Impacts?

Pursuant to Section 15162(a)(1) of the CEQA Guidelines, this column indicates whether the changes represented by the current project will result in new significant impacts that have not already been considered and mitigated by the prior environmental review documents and related approvals, or will result in a substantial increase in the severity of a previously identified impact.

### Any new Circumstances Involving New Impacts?

Pursuant to Section 15162(a)(2) of the CEQA Guidelines, this column indicates whether there have been changes to the project site or the vicinity (circumstances under which the project is undertaken) which have occurred subsequent to the certification or adoption of prior environmental documents, which would result in the

current project having new significant environmental impacts that were not considered in the prior environmental documents or that substantially increase the severity of a previously identified impact.

**Any new Information Requiring New Analysis or Verification?**

Pursuant to Section 15162(a)(3)(A–D) of the CEQA Guidelines, this column indicates whether new information of substantial importance which was not known and could not have been known with the exercise of reasonable diligence at the time the previous environmental documents were certified or adopted is available requiring an update to the analysis of the previous environmental documents to verify that the environmental conclusions and mitigation measures remain valid. Either “yes” or “no” will be answered to indicate whether there is new information showing that: (A) the project will have one or more significant effects not discussed in the prior environmental documents; (B) that significant effects previously examined will be substantially more severe than shown in the prior environmental documents; (C) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or (D) that mitigation measures or alternatives which are considerably different from those analyzed in the prior environmental documents would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative. If “no,” then no additional environmental documentation (supplemental or subsequent EIR) is required.

**Mitigation Measures Implemented or Addressing Impacts**

Pursuant to Section 15162(a)(3) of the CEQA Guidelines, this column indicates whether the prior environmental documents provide mitigation measures to address effects in the related impact category. In some cases, the mitigation measures have already been implemented. A “yes” response will be provided in any instance where mitigation was included, regardless of whether the mitigation has been completed at this time. If “none” is indicated, this environmental analysis concludes a significant impact does not occur with this project, no mitigation was previously included, and no mitigation is needed.

**DISCUSSION AND MITIGATION SECTIONS**

**Discussion**

A discussion of the elements of the checklist is provided under each environmental category in order to clarify the answers. The discussion provides information about the particular environmental issue, how the project relates to the issue and the status of any mitigation that may be required or has already been implemented.

**Mitigation Measures**

Applicable mitigation measures from the prior environmental review that apply to the project are listed under each environmental category.

**Conclusions**

A discussion of the conclusion relating to the analysis contained in each section.

**OTHER CONSIDERATIONS**

Since the publication of the SVSP EIR, the Office of Planning and Research (OPR) has updated CEQA Guidelines Appendix G (Environmental Checklist Form). These updates address legislative changes to CEQA, clarify language, and update language consistent with case law. None of the changes to the checklist require new analysis related to impacts which were not known or which could not have been known at the time the SVSP EIR was prepared. The majority of the checklist changes clarified language, reorganized existing language, or eliminated analysis requirements. For analysis requirements which have been eliminated, this is in response to

case law affirming that analysis must focus on impacts caused by the project, not impacts to the project. An example of each of these types of changes is included below:

- Cultural Resources (a): Cause a substantial adverse change in the significance of an historic resource ~~as defined in~~ pursuant to Section 15064.5?

The replacement of “as defined in” with “pursuant to” is a phrasing change which has no impact on required analysis.

- Cultural Resources (c) has been moved to Geology and Soils (f).

Moving the topical section of this analysis requirement (which is related to paleontological resources) from Cultural Resources to Geology and Soils has no impact on required analysis.

- Noise (b): ~~Exposure of persons to or~~ Generation of excessive ground borne vibration of ground borne noise levels?

The above changes redirect the analysis from considering overall exposure of persons to ground borne vibration, and focus the analysis on any ground borne vibration generated by a project. This same change is reflected in all other checklist questions related to noise. Therefore, the EIR included more analysis than is currently required, because they included analysis related to exposing neighboring areas to noise, but also analyzed the effect of noise on the proposed uses; the latter analysis is no longer required.

The updated CEQA Guidelines Appendix G also includes three new sections (Tribal Cultural Resources, Energy, and Wildfire) and includes new and modified requirements as part of the Transportation/Traffic section. Although the Tribal Cultural Resources *section* is new, the analysis of this impact area was included in the SVSP EIR as part of the Cultural Resources section. The new Energy section was formerly included in CEQA Guidelines Appendix F, but has been moved into the Appendix G, so while it is new to the checklist, it is not new to the CEQA Guidelines. In regards to Wildfire, the California Department of Forestry and Fire Protection (CAL FIRE) is the state agency responsible for wildland fire protection and management. As part of that task, CAL FIRE maintains maps designating Wildland Fire Hazard Severity zones. The City is not located within a Very High Fire Hazard Severity Zone, and is not in a CAL FIRE responsibility area; fire suppression is entirely within local responsibility. Therefore, the Wildfire section does not apply because the project site is not within a Very High Fire Hazard Severity Zone and is not in a CAL FIRE responsibility area.

The changes to the Transportation/Traffic section—which is now called simply Transportation—refocuses the analysis on vehicle miles traveled (VMT). Pursuant to Senate Bill 743, the Natural Resources Agency promulgated CEQA Guidelines section 15064.3 in late 2018. It became effective in early 2019. Subdivision (a) of that section provides that “...vehicle miles traveled is the most appropriate measure of transportation impacts. For the purposes of this section, ‘vehicle miles traveled’ refers to the amount and distance of automobile travel attributable to a project...” Section 15064.3(c) states that the section applies prospectively and did not require lead agencies to undertake VMT analysis until July 1, 2020. Even as of that date, the VMT requirement only applied to projects for which draft EIRs (or negative declarations) had not yet been issued. An addendum is considered together with a certified Final EIR (CEQA Guidelines, § 15164 (d)) and thus represents a later stage in the CEQA process that follows a period of time after the issuance of a draft EIR. The new VMT requirement, then, does not apply to an addendum. Here, the SVSP EIR at issue was certified in 2010, approximately 10 years before the VMT requirement took effect. Case law substantiating this includes “Citizen’s for Positive Growth & Preservation v. City of Sacramento” (2019).

Although, as explained above, VMT is not applicable to this addendum, the City of Roseville considered VMT in the SVSP EIR, albeit in a different context. The SVSP EIR’s chapter regarding Climate Change and Greenhouse



Gas Emissions included an estimate of greenhouse gas emissions that would be generated by the traffic associated with the operation of uses allowed under the SVSP at buildout. As discussed in more detail in the Transportation section of this Environmental Checklist, the trip generation associated with the project is well within the trips that were assumed as part of the SVSP. Because the project's proposed uses are also consistent with the uses allowed pursuant to the SVSP, the trip lengths associated with project trips would not be expected to meaningfully vary from the assumptions that were used to generate the original VMT analysis in the SVSP EIR. Therefore, even if VMT were required to be analyzed, the project would not generate new or more severe impacts with respect to VMT as compared with the SVSP EIR.

Moreover, the City also analyzed VMT in connection with the 2035 General Plan Update EIR (SCH No. 2019080418). The General Plan Update (GPU) EIR<sup>1</sup> used the Roseville travel forecasting model to estimate VMT for the City. The VMT data was then normalized to residents as a "per capita" rate. As described in the GPU EIR, and consistent with the VMT reductions in OPR's *Technical Advisory on Evaluating Transportation Impacts in CEQA*, the City has adopted a VMT significance threshold of 12.8 VMT/capita. This threshold represents a 15 percent reduction to baseline per capita VMT. The GPU EIR concluded that buildout of the remaining undeveloped areas of the City, consistent with existing land use designations and existing development agreements, would exceed the City's adopted threshold resulting in a Significant impact in both the constrained and unconstrained buildout scenarios, and that mitigation requiring land use changes was not feasible because of existing development agreements in place for the undeveloped areas of the City.

As stated in the GPU EIR and pursuant to the tiering provisions of CEQA, projects that are consistent with the General Plan do not require further VMT analysis. Quantitative analyses are not required if it can be demonstrated that a project would generate VMT which is equivalent to or less than what was assumed in the GPU EIR. The proposed project includes construction of a commercial development on a parcel with a Community Commercial land use designation. A large commercial development was anticipated on this site in the SVSP and GPU EIR and the proposed project does not exceed what was anticipated with buildout of the SVSP (further discussion of this is found in the Transportation section of this Environmental Checklist) or analyzed in the GPU EIR; therefore, it can be concluded that the project is consistent with GPU EIR analysis as it relates to VMT, and the project does not require further VMT analysis.

Based on the foregoing, none of the modifications to CEQA Guidelines Appendix G require new analysis related to impacts which were not known or which could not have been known at the time the SVSP EIR was prepared. Therefore, an Addendum is the appropriate environmental document to describe the impacts of the proposed project.

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<sup>1</sup> General Plan Update EIR: [www.roseville.ca.us/GeneralPlan](http://www.roseville.ca.us/GeneralPlan)

## CHECKLIST

### I. Aesthetics

|                                                                                                                                                                                                                                                                                                                                                                              | Where Impact Was Analyzed in Prior Environmental Documents | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a. Have a substantial adverse effect on a scenic vista?                                                                                                                                                                                                                                                                                                                      | SVSP EIR Section 4.14                                      | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b. Substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?                                                                                                                                                                                                                      | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| c. In non-urbanized area, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality? | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| d. Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?                                                                                                                                                                                                                                                       | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.14-1<br>SVSP EIR MM 4.14-2<br>SVSP EIR MM 4.14-3                        |

**Discussion:** Impacts to visual and aesthetic resources were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as significant and unavoidable. The SVSP included a concept plan for potential development of the site with large format retail buildings adjacent to Sierra Village Drive. Thus, it was contemplated that homes to the north would have some view of the commercial development. While the proposed project is taller than the buildings in the concept plan, the setback from the homes is larger resulting in a comparable aesthetic impact. The proposed project does not introduce development to properties not already planned for development, and the scale of development is consistent with the development anticipated within the SVSP EIR. The proposed uses are substantially consistent with the build out assumptions and would not increase the severity of already identified significant impacts. The SVSP EIR analysis remains adequate and applicable to the proposed project.

The SVSP EIR found there were no designated or eligible scenic vistas or resources within or near the SVSP, and this evaluation remains adequate and applicable to the proposed project.

At the time of the SVSP EIR the planning area was within a non-urbanized area, and impacts to aesthetic and visual resources were found to be significant and unavoidable, because the Specific Plan would result in large-scale development within an area dominated by open space. The

proposed project is currently within an urban area, and the project has been evaluated for compliance with the City's Community Design Guidelines (CDG) and the design guidelines established in the SVSP. As it relates to aesthetics, these standards ensure the high quality design and architectural character of any buildings developed as well as establishing minimum landscaping standards. The proposed project does not conflict with applicable zoning and other regulations governing scenic quality, and therefore impacts are less than significant. The SVSP EIR analysis remains adequate and applicable to the proposed project.

As it relates to light and glare, the SVSP EIR found impacts would be significant and unavoidable, because the Specific Plan would introduce artificial light into a rural area. EIR Mitigation Measure (MM) 4.14-1 requires all light fixtures for commercial and office uses to have glare shields and all new buildings to be constructed with low-glare materials; this mitigation measure applies to the proposed project. In addition, project lighting is conditioned to comply with current City standards (i.e., CDG), which require the project to limit the height of light standards and also require cut-off lenses and glare shields to minimize light and glare impacts. MM 4.14-2 recommends low-glare materials be utilized for new buildings to reduce glare impacts. MM 4.14-3 reduces light impacts on nearby open space through design measures and light direction and placement. Based on the above discussion, there would be no new significant impacts not previously identified in the SVSP EIR, and the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** SVSP EIR Mitigation Measures **MM 4.14-1** (site lighting to minimize nuisance), **MM 4.14-2 (use low-glare materials)**, and **MM 4.14-3** (avoid light spillover into Curry Creek and Open Space) can be found in the table of applicable mitigation measures included with this Addendum (see Attachment 1).

## II. Agricultural & Forestry Resources

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Where Impact Was Analyzed in Prior Environmental Documents | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | SVSP EIR Section 4.1                                       | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.1-2                                                                     |
| b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| d) Result in the loss of forest land or conversion of forest land to non-forest use?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Same                                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| <b>Discussion:</b> Impacts to agricultural resources were adequately addressed in the SVSP EIR as it relates to the proposed project. There is no significant change in the proposed project that would change the environmental impact for this section. The SVSP EIR concluded development of the project area would convert fallow grazing land to urbanized development and have a less than significant impact with mitigation. The SVSP EIR found that while the project site did not provide opportunities for prime agricultural production, approving an urban land use designation would preclude any agricultural use of the land in the future. The SVSP EIR found that with mitigation in the form of 1:1 open space preservation, the impact would be less than significant. The project site is no longer used for agricultural purposes, does not include agricultural zoning, is not within |                                                            |                                                                                           |                                                                                               |                                                             |                                                                                       |

or adjacent to one of the areas of the City designated as a protected farmland category on the Placer County Important Farmland map, is not within or adjacent to land within a Williamson Act Contract, and is not considered forest land. For these reasons, project impacts related to agricultural and forestry resources are less than significant. The proposed project is substantially consistent with the development assumptions of the SVSP EIR and would not increase the severity of already identified less than significant impacts. The SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** SVSP EIR Mitigation Measure MM 4.1-2 required preservation of open space within Placer County in order to mitigate for the loss of open space in the SVSP. Though this measure remains applicable to the project, the measure has been completed via an established fee program that directs funds to the Placer Land Trust, which then sets aside land.

### III. Air Quality

|                                                                                                                                                                                                                                                                                                 | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Conflict with or obstruct implementation of the applicable air quality plan?                                                                                                                                                                                                                 | SVSP EIR Section 4.4                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Result in a cumulatively considerable net increase of any criteria for which the project region is non-attainment under an applicable federal or state ambient air quality standard?                                                                                                         | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.4-1, MM 4.5-1, and MM 4.5-2                                             |
| c) Expose sensitive receptors to substantial pollutant concentrations?                                                                                                                                                                                                                          | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | WMM 4.4-7 (a) <sup>2</sup>                                                            |
| d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?                                                                                                                                                                               | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| <b>Discussion:</b> a–b) The SVSP EIR concluded that standard dust control and other construction measures would be sufficient to avoid particulate matter and ozone precursor construction impacts, but that reactive organic gases would remain significant. The SVSP and EIR anticipated over |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                       |

<sup>2</sup> The SVSP encompasses area that had been subject to program-level analysis in the West Roseville Specific Plan EIR. Mitigation measures from the West Roseville Specific Plan EIR that remained applicable were incorporated into the SVSP EIR and are denoted by a “WMM” label.



950,000 square feet of commercial development on Specific Plan Parcels KT-41A and KT-41B. A concept plan for parcels KT-41A and KT-41B was provided within the SVSP to illustrate probable commercial use types and building layouts. The concept project was a large retail center of “over 950,000 square feet of commercial, business professional, and service uses.” While the concept plan assumed somewhat less building square footage, air quality impacts related to construction remain within the scope of the SVSP EIR. Air quality impacts related to grading remain the same, because the SVSP EIR assumed the entire site would be developed, consistent with the proposed project. Construction air quality is based on maximum daily emissions, so while some additional building area may lengthen the overall construction schedule, it will not increase the amount of construction which can feasibly occur on any given day for a large commercial site. Therefore, the construction activity associated with the proposed project remains consistent with the scale of daily construction activity and resulting scope of impacts anticipated in the SVSP EIR.

For operational impacts, while the square footage of the proposed Erickson Senior Living project is greater than that shown in the concept site plan, the difference in commercial use type leads to a less intensive operational impact. In terms of operational air quality impacts, there are two general types of pollutants: area and mobile source emissions, with mobile emissions representing the bulk of operational emissions. The area emissions related to landscaping equipment and consumer products will be consistent with the retail center anticipated in the SVSP EIR, as the proposed project and a retail center include similar amounts of landscaping. The mobile source emissions related to automobile emissions will be less than the retail center. A traffic study completed by Kimley-Horn is included as Attachment 2 and includes a comparison of vehicle trip generation for the proposed project versus the retail center anticipated in the SVSP EIR. The proposed project will generate only 24 percent of the trips assumed for this parcel in the SVSP EIR, which will result in substantially less mobile-source emissions. The project development intensity is substantially less than what was previously evaluated for the project site within the Specific Plan as part of the SVSP EIR. Therefore, the operational air quality impacts of the project fall within the scope of the impacts and mitigation already established in the SVSP EIR, and the SVSP EIR analysis remains adequate and applicable to the proposed project.

c) Toxic Air Contaminants (TACs) are typically generated by stationary sources like facilities using solvents and heavy industrial operations, but can also be generated by more common uses such as gas stations. The SVSP EIR found that development of the Specific Plan would include certain uses, such as gas stations, which could emit TACs, and determined that mitigation could reduce impacts to less than significant levels. The proposed project, which includes 1,200 independent living units, 40 skilled nursing beds, and 200 assisted living/memory care beds, is not a stationary source of TAC emissions, and therefore will not result in significant impacts related to TACs.

d) The SVSP EIR found that development of the Specific Plan would not involve the long-term operation of any new sources of odor and that odors from construction activities would be short-term; therefore, impacts were found to be less than significant and no mitigation was required. Consistent with this analysis, while diesel fumes from construction equipment and delivery trucks are often found to be objectionable, construction is temporary and diesel emissions are minimal and regulated. Typical urban projects such as the proposed project do not result in substantial objectionable odors when operated in compliance with City Ordinances (e.g. proper trash disposal and storage). The Project is a typical urban development that lacks any characteristics that would cause the generation of substantial unpleasant odors. Thus, construction and operation of the proposed project would not result in the creation of objectionable odors affecting a substantial number of people. Therefore, the SVSP EIR analysis remains adequate and applicable, and impacts related to odors are less than significant.

**Mitigation Measures:** SVSP EIR Mitigation Measures **MM 4.4-1, MM 4.5-1, MM 4.5-2, and WMM 4.4-7(a)** were identified to reduce the impacts related to air quality though the impact would still be significant and unavoidable. These measures remain applicable to the proposed project.

#### IV. Biological Resources

|                                                                                                                                                                                                                                                                                                                 | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? | SVSP EIR Section 4.8                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.8-1 to 4.8-7                                                            |
| b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?                                                        | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.8-4 to 4.8-7                                                            |
| c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?                                                                                    | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.8-1 to 4.8-7                                                            |
| d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?                                                                              | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.8-4 to 4.8-7                                                            |

|                                                                                                                                                                                      |      |    |    |    |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|----|----|------|
| e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?                                                  | Same | No | No | No | None |
| f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? | Same | No | No | No | None |

**Discussion:** Impacts to Biological Resources were adequately addressed in the SVSP EIR as it relates to the proposed project. There is no significant change in the proposed project that would change the environmental impact for this section. The SVSP EIR concluded development of the project area would impact wetlands on-site and could potentially impact special status species found in the area. The EIR concluded that the impact on Biological Resources would be less than significant with mitigation. Mitigation measures were adopted to reduce impacts to wetlands, vernal pool species, Swainson's hawk, burrowing owl, and other protected raptors nesting and foraging habitat to less-than-significant levels. As discussed in the Environmental Setting section, above, the project site has been rough-graded and regularly maintained through discing, and no wetlands, intact grasslands, or trees remain on the site to be impacted. The proposed project is within the scope of the development assumptions for the parcels created for commercial development with the SVSP. There is no significant change in the proposed project that would change the environmental impact for this section and the proposed project is located on properties already anticipated for development.

The mitigation measures adopted with certification of the SVSP EIR remain appropriate and no additional impacts will occur. EIR mitigation measures adopted for the purpose of avoiding or reducing impacts to special habitats (such as wetlands and grasslands) and their dependent species were implemented prior to rough grading of the site, and have been effectuated; these measures are no longer applicable. Mitigation measures which remain applicable are those requiring surveys for ground-nesting birds (MM 4.8-3) and avoiding light and glare into the Curry Creek open space (MM4.14-3). Impacts remain less than significant upon compliance with the applicable mitigation measures. The SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Effectuated mitigation measures which are no longer applicable are Mitigation Measure MM 4.8-1 (wetland permits and no net loss), MM 4.8-2 (relocate western spadefoot), MM 4.8-4 (preservation of grassland habitat), MM 4.8-5 (wildlife movement protection), MM 4.8-6 (habitat restoration), and MM 4.8-7 (off-site surveys for infrastructure). Mitigation Measures **MM 4.8-3** (protection for nesting birds) and **MM 4.14-3** (avoid light spill into Curry Creek open space) remain applicable to the proposed project, and will ensure impacts to biological resources remain less than significant.

**V. Cultural Resources**

|                                                                                                                      | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Cause a substantial adverse change in the significance of an historic resource pursuant to in Section 15064.5?    | SVSP EIR Section 4.9                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5? | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.9-1 to 4.9-2                                                            |
| c) Disturb any human remains, including those interred outside of dedicated cemeteries?                              | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.9-1 to 4.9-2                                                            |

**Discussion:** Impacts to cultural resources were adequately addressed in the SVSP EIR as it relates to the proposed project. There is no significant change in the proposed project that would change the environmental impact for this section. The SVSP EIR discussed the potential for subsurface remains or deposits to be found on the site, and included a mitigation measure requiring a cessation of work should any item of cultural interest be found. Surveys performed in the project area did not detect evidence of prehistoric archeological resources. However, the impact to cultural resources was found to be potentially significant and unavoidable because there is always the potential that resources could be encountered during grading. Though the project site has been rough-graded and no resources were found, there is still the possibility that further grading and site development could unearth resources. The mitigation measures requiring a cessation of work and consultation should resources be discovered remain applicable (MM 4.9-1 and MM 4.9-2). MM 4.9-3 requiring studies before construction of any offsite work is also applicable to any off-site work that may be needed. The proposed project is substantially consistent with the development assumptions of the SVSP EIR and would not increase the severity of already identified impacts. The SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Mitigation Measure **MM 4.9-1** (cease work and consult with archeologist) and **MM 4.9-2** (cease work and consult with paleontologist), and **MM 4.9-3** (conduct studies prior to offsite infrastructure construction) remain applicable to the proposed project.

## VI. Energy

|                                                                                                                                                                                   | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation? | SVSP EIR Section 4.12.5                                     | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Conflict with or obstruct a state or local plan for renewable energy or energy inefficiency?                                                                                   | SVSP EIR Section 4.12.5                                     | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

**Discussion:** Impacts to energy resources were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The SVSP EIR concluded that development and implementation of the SVSP would add land uses that would increase the demand for electrical services. However, Roseville Electric determined there were no constraints to providing a reliable energy source to serve the development proposed in the SVSP area. Electricity in the area is provided by Roseville Electric and natural gas is provided by Pacific Gas & Electric (PG&E). Impacts 4.12-5.1 and 4.12-5-2 in the SVSP EIR evaluated the potential for development of the SVSP to increase demands for electricity and natural gas and found these impacts to be less than significant.

The project includes development of an approximately 2.1 million square-foot continuing care retirement community. The project would consume energy both during project construction and during project operation. During construction, fossil fuels, electricity, and natural gas would be used by construction vehicles and equipment. However, the energy consumed during construction would be temporary, and would not represent a significant demand on available resources. There are no unusual project characteristics that would necessitate the use of construction equipment or methods that would be less energy-efficient or which would be wasteful.

The completed project would consume energy related to building operation, exterior lighting, landscape irrigation and maintenance, and vehicle trips to and from the use. In accordance with California Energy Code Title 24, the project would be required to meet the Building Energy Efficiency Standards. This includes standards for water and space heating and cooling equipment; insulation for doors, pipes, walls, and ceilings; and appliances, to name a few. The project would also be eligible for rebates and other financial incentives from both the electric and gas providers for the purchase of energy-efficient appliances and systems, which would further reduce the operational energy demand of the project. The project plans were distributed to both PG&E and Roseville Electric for comments, and was found to conform to the standards of both providers; energy supplies are available to serve the project. Roseville Electric provided a memo that confirmed they would be able to provide the electrical capacity needed for the Erickson Senior Living project. Construction of the project will occur in phases over approximately 10 years. The memo states what infrastructure improvements will need to be completed by the project developer if they have not yet been completed with by other anticipated



surrounding developments. This is a matter of timing for the development and does not conflict with the ability to efficiently provide energy to other uses.

The proposed project will not result in inefficient, wasteful, or unnecessary consumption of energy, nor would it conflict with or obstruct State or local plans for renewable energy or energy efficiency. The proposed uses are within the scope of the build out assumptions of the SVSP EIR and would not increase the severity of already identified significant impacts. The SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** No mitigation measures are required for this Project.

## VII. Geology and Soils

|                                                                                                                                                                                                                                                                                           | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:                                                                                                                                                            | SVSP EIR Section 4.7                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| i) Ruptures of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.) | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| ii) Strong seismic ground shaking?                                                                                                                                                                                                                                                        | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| iii) Seismic-related ground failure, including liquefaction?                                                                                                                                                                                                                              | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| iv) Landslides?                                                                                                                                                                                                                                                                           | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Result in substantial soil erosion or the loss of topsoil?                                                                                                                                                                                                                             | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

|                                                                                                                                                                                                                                     |                                            |    |    |    |                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|----|----|----|-------------------|
| c) Be located in a geological unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse? | Same                                       | No | No | No | None              |
| d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?                                                                                    | Same                                       | No | No | No | None              |
| e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?                                                  | Same                                       | No | No | No | None              |
| f) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?                                                                                                                           | SVSP EIR<br>Section 4.7 and<br>Section 4.9 | No | No | No | SVSP EIR MM 4.9-2 |

**Discussion:** Impacts to geology and soils resources were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The project is not expected to expose people or structures to potential substantial adverse effects involving seismic shaking, ground failure or landslides. The project site is located in Roseville, which is in Placer County. The California Department of Mines and Geology classifies the South Placer area as a low severity earthquake zone. No active faults are known to exist within the County. The project site is considered to have low seismic risk with respect to faulting, ground shaking, seismically related ground failure and liquefaction.

The SVSP EIR indicated that compliance with existing regulations and permit requirements would be sufficient to avoid impacts related to these issues. This conclusion remains appropriate for the proposed project because there is no new information indicating that geologic conditions are different than previously understood and the proposed project is within the development area anticipated in the SVSP EIR.

As discussed in the Cultural Resources section, though the project site has been rough-graded and no resources were found, there is still the possibility that further grading and site development could unearth resources. Should any evidence of paleontological resources (e.g. fossils) be encountered during grading or excavation, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with a qualified paleontologist to assess the resource and provide proper management recommendations.

The proposed uses are substantially consistent with the build out assumptions of the SVSP EIR and would not increase the severity of already identified significant impacts. The SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** MM 4.9-2 (cease work and consult with paleontologist) remains applicable to the proposed project.

**VIII. Greenhouse Gases**

|                                                                                                                                   | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|-----------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?       | SVSP EIR Section 4.5                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.4-1, 4.5-1 and 4.5-2                                                    |
| b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases? | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

**Discussion:** Impacts relating to greenhouse gases were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as significant and unavoidable. The SVSP EIR quantified the greenhouse gas (GHG) emissions resulting from buildout and operation of the SVSP and concluded that the SVSP would cause significant and unavoidable impacts with respect to greenhouse gas (GHG) emissions. Mitigation measures were adopted to reduce the project's GHG emissions to the extent feasible. Construction activity associated with the proposed project remains consistent with the scale of activity and resulting scope of impacts anticipated in the SVSP EIR, as previously discussed in the Purpose and Scope of Addendum section. For operational impacts, GHG is primarily generated by vehicle travel, and to a much lesser extent by building energy usage. The proposed project is consistent with the General Plan land use designation and with the scale and intensity of development anticipated in the SVSP EIR, also as previously discussed in the Purpose and Scope of Addendum section. Although the building area of the proposed project is greater than anticipated in the SVSP EIR, the development intensity and vehicle travel, as discussed in the Air Quality section, will be substantially less. Furthermore, the California Building Code (CBC) requirements related to energy efficiency have become more stringent since publication of the EIR, and therefore GHG emissions related to building energy demands would be less than previously anticipated.

The City evaluated the proposed Erickson Senior Living in order to determine whether the project falls within the scope of vehicle-related GHG emissions anticipated in the SVSP EIR, first by examining the trip characteristics of the project and then by examining the expected trip lengths. Kimley-Horn prepared a transportation memorandum (Kimley-Horn Memo, Attachment 2) dated March 13, 2023 which compares the anticipated transportation impacts of the project to the impacts anticipated in the SVSP EIR. The Memo indicates the SVSP EIR transportation analysis accounted for the various uses (e.g. strip malls, small-scale retail, and large format retail) that make up the Community Commercial land use. In other words, the traffic analysis assumed and accounted for large retail uses that would generate a higher volume of traffic as well as smaller retail uses, which would generate a relatively smaller amount of traffic. The Memo concludes that the project will generate fewer trips and result in less travel than the typical retail uses evaluated in the SVSP EIR.

As stated in the GPU EIR and pursuant to the tiering provisions of CEQA, projects that are consistent with the General Plan do not require further VMT analysis. Quantitative analyses are not required if it can be demonstrated that a project would generate VMT that is equivalent to or less than what was assumed in the GPU EIR.

Based on the foregoing analysis, greenhouse gas emissions, from both the construction and operational phases, will result in impacts within the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project. The project has incorporated the applicable requirements of SVSP EIR mitigation into the project design, and will comply with the required mitigation in the SVSP EIR.

**Mitigation Measures:** Mitigation Measures **MM 4.4-1** (construction emissions), **MM 4.5-1** (operational emissions), **MM 4.5-2** (greenhouse gas emissions) from the SVSP EIR remain applicable to the proposed project, and have been incorporated into the design of the project as appropriate.

## IX. Hazards and Hazardous Materials

|                                                                                                                                                                                                | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?                                                        | SVSP EIR Section 4.10                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Create a significant hazard to the public or the environment though reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.10-1                                                                    |
| c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?                                | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

|                                                                                                                                                                                                                                                                                     |      |    |    |    |      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|----|----|------|
| d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?                                                      | Same | No | No | No | None |
| e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area? | Same | No | No | No | None |
| f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?                                                                                                                                                           | Same | No | No | No | None |
| g) Expose people or structures either directly or indirectly to a significant risk of loss, injury or death involving wildland fires?                                                                                                                                               | Same | No | No | No | None |



**Discussion:** Impacts related to hazards and hazardous materials were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant with mitigation. The SVSP EIR includes a brief overview for each impact topic, concluding that compliance with existing federal, state, and local regulations regarding the use, transport and disposal of hazardous materials would ensure most impacts will be less than significant. The exception was for unknown soil contamination, as land which was used for agricultural purposes may include undiscovered, underground storage tanks or other contamination issues; mitigation for this was included. The project is not located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5. The SVSP EIR analysis also found that there would be sufficient emergency services and facilities and that the area was not located within an airport land use plan or other aviation hazard area. These conclusions still fit for the proposed project, which is within the same development footprint.

Standard construction activities would require the use of hazardous materials such as fuels, oils, lubricants, glues, paints and paint thinners, soaps, bleach, and solvents. These are common household and commercial materials routinely used by both businesses and average members of the public. The materials only pose a hazard if they are improperly used, stored, or transported either through upset conditions (e.g. a vehicle accident) or mishandling. In addition to construction use, the operational project would result in the use of common hazardous materials as well, including bleach, solvents, and herbicides. Regulations pertaining to the transport of materials are codified in 49 Code of Federal Regulations 171–180, and transport regulations are enforced and monitored by the California Department of Transportation and by the California Highway Patrol. Specifications for storage on a construction site are contained in various regulations and codes, including the California Code of Regulations, the Uniform Fire Code, and the California Health and Safety Code. These same codes require that all hazardous materials be used and stored in the manner specified on the material packaging. Existing regulations and programs are sufficient to ensure that potential impacts as a result of the use or storage of hazardous materials are reduced to less than significant levels.

The California Department of Forestry and Fire Protection (CAL FIRE) is the state agency responsible for wildland fire protection and management. As part of that task, CAL FIRE maintains maps designating Wildland Fire Hazard Severity zones. The City is not located within a Very High Fire Hazard Severity Zone, and is not in a CAL FIRE responsibility area; fire suppression is entirely within local responsibility. The project site is in an urban area, and therefore would not expose people to any risk from wildland fire.

The proposed uses for the Erickson Senior Living site are a continuing care retirement community, assisted living/memory care, and skilled nursing, and are all uses found in the Community Commercial land use category. These uses are substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** The SVSP EIR included a mitigation measure to address the low possibility that some contamination of soils still lingered due to past use of the land for agricultural purposes. The measure, Mitigation Measure **MM 4.10-1**, indicates that if evidence of contamination is observed (stained soils, unearthing of a tank, etc.) then proper testing and remediation is required, in coordination with the appropriate City Departments. This measure remains applicable to the project.

**X. Hydrology and Water Quality**

|                                                                                                                                                                                                                        | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|---------------------------------------------------------------------------------------|
| a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?                                                                             | SVSP EIR Section 4.13                                       | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.13-1                                                                    |
| b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?                                  | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| i) result in substantial erosion or siltation on or off-site;                                                                                                                                                          | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;                                                                                            | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater systems or provide substantial additional sources of polluted runoff; or                                      | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| iv) impede or redirect flood flows?                                                                                                                                                                                    | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

|                                                                                                                                                                    |      |    |    |    |      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|----|----|------|
| d) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?                                            | Same | No | No | No | None |
| e) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam? | Same | No | No | No | None |
| f) In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?                                                                | Same | No | No | No | None |

**Discussion:** Impacts related to hydrology and water quality were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant with mitigation. A Drainage and Storm Water Master Plan was prepared and approved by the City as part of the SVSP EIR. As noted in the EIR, the Drainage and Storm Water Master Plan demonstrated that the increases in impervious surfaces being caused by buildout of the SVSP would be offset by proposed drainage facilities and storm water improvements. The project is located adjacent to an open space preserve to the southwest, which contains Curry Creek, but no drainage is proposed directly into the creek. The project would offset increases in peak flow and no development would occur within the 100-year floodplain area. The project design complies with the West Placer Storm Water Quality Design Manual, and includes onsite treatment of stormwater through the use of onsite swales and other best management practices. With regard to storm water quality, the EIR notes that there are existing programs, regulations, and permits in place to ensure that the project would not have significant effects related to water pollution from construction or operation, though a mitigation measure is included to require compliance with these regulations.

The project is in an area of flat topography and is not near any large water bodies or dams/levees, so would not be subject to losses due to dam/levee failure, seiche, tsunami, or mudflow. The project falls within the development footprint of the SVSP, and does not result in any changes to the scope or scale of impacts, and the prior conclusions remain appropriate. Thus, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Mitigation Measure **MM 4.13-1** was included to require compliance with the City's stormwater quality standards, including preparation of a Storm Water Pollution Prevention Plan (SWPPP). This measure remains applicable to the proposed project.

**XI. Land Use and Planning**

|                                                                                                                                                                                                     | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
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| a) Physically divide an established community?                                                                                                                                                      | SVSP EIR Section 4.1                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation of an agency adopted for the purpose of avoiding or mitigating an environmental effect? |                                                             | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.1-3, 4.6-1 and 4.6-2                                                    |

**Discussion:** Impacts related to land use and planning were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant with mitigation. The SVSP EIR concluded that there were some potential land use incompatibilities between certain types of uses in the Specific Plan, but that these could be addressed by a mix of mitigation measures and compliance with the City Noise Ordinance and Grading Ordinance. The EIR concluded that all impacts of the SVSP could be reduced to less than significant levels with mitigation. The Erickson Senior Living project involves a commercial use, which is principally permitted in the General Commercial zone and Community Commercial designated land use parcel where the project is proposed. The proposed uses are consistent with the buildout assumptions anticipated in the SVSP EIR, and therefore the conclusions of the SVSP EIR remain applicable to the proposed project. The project is consistent with the policies of the Zoning Ordinance, SVSP, and the General Plan which are adopted for the purpose of avoiding environmental effects.

The project area has been planned for development, including adequate roads, pedestrian paths, and bicycle paths to provide connections within the community. The project involves frontage improvements including new driveways, sidewalks, and pedestrian connections. As such, the project will not physically divide an established community.

As described above, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Mitigation Measure **MM 4.6-1** (construction noise) and **MM 4.6-2** (commercial noise controls) are applied during construction, so remain applicable to the proposed project.

**XII. Mineral Resources**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
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| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SVSP EIR Section 4.7                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |
| <p><b>Discussion:</b> Impacts related to mineral resources were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The SVSP EIR indicated that there were no significant mineral resources in the area, and this finding remains accurate. Therefore, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.</p> <p><b>Mitigation Measures:</b> None required for this Project.</p> |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                       |



**XIII. Noise**

|                                                                                                                                                                                                                                                                                                           | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts. |
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| a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?                                                         | SVSP EIR Section 4.6                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.6-1                                                                     |
| b) Generation of excessive ground borne vibration of ground borne noise levels?                                                                                                                                                                                                                           | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.6-1                                                                     |
| c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                  |

**Discussion:** Impacts related to noise were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as significant and unavoidable for temporary construction noise and increases in traffic noise outside the plan area. Construction noise in general was discussed, and addressed via mitigation. Noise was determined to be an impact resulting from traffic on all of the major roadways in the SVSP area. Traffic-related noise levels expected in the year 2025 plus project were found to be significant and unavoidable.

The proposed Erickson Senior Living includes a continuing care retirement community consisting of independent living units, assisted living, memory, care and skilled nursing facilities, which are all principally permitted uses on this parcel and are therefore substantially consistent with the build out assumptions in the SVSP EIR. None of the proposed uses includes equipment or operations that are known to create noise in excess of a typical medical office use.

Existing and future noise from Baseline Road was estimated to be approximately 66 db in the exiting plus SVSP project condition and 71.7 db at full buildout (at a point 100 feet from the centerline). As discussed in the Transportation section of this Environmental Checklist, the proposed project is within the scope of the transportation impacts analyzed in the SVSP EIR, and therefore would not result in new or increased impacts related to roadway noise.

The project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Mitigation Measure **MM 4.6-1** (construction noise), was applied in the SVSP EIR related to commercial and residential projects. Construction noise controls in the mitigation includes located fixed equipment away from noise sensitive uses and having a construction disturbance coordinator to address noise concerns. This mitigation measure remains applicable to the proposed project.

#### XIV. Population and Housing

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
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| a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SVSP EIR Section 4.2                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| <p><b>Discussion:</b> Impacts related to population and housing were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as significant and unavoidable for inducement of substantial population growth. The SVSP EIR indicated the SVSP would increase the number of housing units above those which had been anticipated in the General Plan, and analyzed the effect on supporting services, infrastructure, and other issues related to environmental impacts. It was concluded that impacts would be significant and unavoidable. The impact identified by the SVSP EIR was the result of adopting an urban land use plan over a non-urbanized area. The proposed project is currently within an urbanized area which is planned for such use consistent with the development assumptions for this parcel in the SVSP EIR. Technical studies were provided to show that water and sewer impacts (Attachment 3) and electricity impacts (Attachment 4) are consistent with the impacts of the SVSP EIR and the site can be adequately served with existing planned infrastructure. Therefore the project will not have a new or more severe impact related to unplanned population growth. No existing buildings or residents are present on the project site; therefore, no residences or communities would be displaced.</p> <p>The project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.</p> <p><b>Mitigation Measures:</b> None required for this Project.</p> |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |

**XV. Public Services**

|                                                                                                                                                                                                                                                                                                                                                                                                                       | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
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| Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any the public services: |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |
| a) Fire protection?                                                                                                                                                                                                                                                                                                                                                                                                   | SVSP EIR Section 4.11                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Police protection?                                                                                                                                                                                                                                                                                                                                                                                                 | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| c) Schools?                                                                                                                                                                                                                                                                                                                                                                                                           | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| d) Parks?                                                                                                                                                                                                                                                                                                                                                                                                             | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| e) Other public facilities?                                                                                                                                                                                                                                                                                                                                                                                           | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |

**Discussion:** Impacts related to public services were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The SVSP EIR concluded that fire and police protection services, and other public services would not be negatively affected by the project. Existing City codes and regulations require adequate water pressure in the water lines, and construction must comply with the Uniform Fire and Building Codes used by the City of Roseville. Additionally, the applicant is required to pay a fire service construction tax, which is used for purchasing capital facilities for the Fire Department. Sales taxes and property taxes resulting from development will add revenue to the General Fund, which provides funding for police services. Existing codes, regulations, funding agreements, and facilities plans are sufficient to ensure less than significant impacts.

An analysis of impacts to schools was included in the SVSP EIR, which concluded that two new elementary schools and one new intermediate school would be required in the project area. The high school students generated from the SVSP were assumed in the nearby high schools located outside the plan area. A portion of the SVSP is located within the Center School District and a portion is located within the Roseville City School District, though the current project area is entirely within the Center School District. This project will contain a continuing care

retirement community and no children will reside in the development, and will therefore not create an increased demand for schools or have an impact on schools.

The developer will be required to pay fees into a Community Facilities District, which provides funding for park services. Future park and recreation sites and facilities have already been identified as part of the Specific Plan process. The City charges fees for end-users for other services, such as garbage and greenwaste collection, in order to fund those services. Existing codes, regulations, funding agreements, and facilities plans are sufficient to ensure less than significant impacts.

The project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR because no development beyond what was analyzed in the SVSEP EIR would occur and accordingly there would be no increased demand for services or need for construction of new facilities. Therefore, the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** None required for this Project.

## XVI. Recreation

|                                                                                                                                                                                                    | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated? | SVSP EIR Section 4.11                                       | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?            | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |



**Discussion:** Impacts related to recreation were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The SVSP indicates that the required parkland dedication was met by dedication of parkland and through payment of park dedication in-lieu fees. As noted in the EIR, the payment of Citywide and neighborhood park fees will be required, and the payment of fees combined with the dedication of parkland will ensure that impacts to park services are less than significant. The project includes many on-site park-like amenities for residents, who will be elderly and largely stay within the development; therefore, this conclusion remains applicable to the proposed project. Moreover, because the level of development is consistent with what was analyzed in the SVSP EIR, the project would not cause the need for construction of recreational facilities that might have an adverse effect on the environment beyond what was previously studied.

Given the foregoing, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** None required for this Project.

## XVII. Transportation

|                                                                                                                                                                     | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?            | SVSP EIR Section 4.3                                        | No                                                                                        | No                                                                                            | No                                                          | SVSP EIR MM 4.3-1 to 4.3-5                                                           |
| b) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?                                                                               | n/a                                                         | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| c) Substantially increase hazards due to a geometric design feature(s) (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? | SVSP EIR Section 4.3                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |

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|                                           |      |    |    |    |      |
|-------------------------------------------|------|----|----|----|------|
| d) Result in inadequate emergency access? | Same | No | No | No | None |
|-------------------------------------------|------|----|----|----|------|

**Discussion:** The SVSP EIR evaluated the traffic impacts to existing and future roadways from traffic being generated by the anticipated uses within the plan area. The EIR concluded that, with mitigation, impacts to City roadways would be less than significant. Impacts to adjacent agency roadways were identified as a significant and unavoidable impact, and mitigation to lessen the impact was adopted. These analyses were based upon the level of service criteria and metrics. Per changes in state law, level of service is no longer considered an impact under CEQA, such that this document need not further address the level of service impacts studied in the EIR. However, the Kimley-Horn Transportation Memo confirms that the trips generated by the project are significantly less than the SVSP EIR assumptions and thus the level of service conclusions in that EIR remain valid. In accordance with the changes in the law adopted after the EIR was certified, wholly new CEQA documents must examine transportation impacts in terms of vehicle miles traveled (VMT). Though there is no requirement to consider VMT associated with the project given use of the existing EIR, the discussion below provides information as to the project's consistency with the VMT assumptions within the Climate Change and Greenhouse Gas Emissions chapter of the SVSP EIR and the General Plan Update (GPU) EIR.

Checklist item "b" focuses on Vehicle Miles Traveled (VMT). This was added to the checklist after publication of the SVSP EIR. However, the SVSP EIR did include quantification of VMT projected from Specific Plan implementation. The SVSP EIR's chapter regarding Climate Change and Greenhouse Gas Emissions included an estimate of greenhouse gas emissions that would be generated by the traffic associated with the operation of uses allowed under the SVSP at buildout. As discussed in the Kimley-Horn Memo, the trip generation and travel associated with the project is well within the trips that were assumed as part of the SVSP. Because the project's proposed uses are also consistent with the uses allowed pursuant to the SVSP, the trip lengths associated with project trips would also be expected to mesh with the assumptions that were used to generate the original VMT analysis in the SVSP EIR. Therefore, VMT stemming from the project would be within the scope of VMT set forth in the SVSP EIR, confirming that no new or more severe VMT impacts would result.

In addition, the GPU EIR used the Roseville travel forecasting model to estimate VMT for the City. The VMT data was then normalized to residents as a "per capita" rate. As described in the GPU EIR, and consistent with the VMT reductions in OPR's Technical Advisory on Evaluating Transportation Impacts in CEQA, the City has adopted a VMT significance threshold of 12.8 VMT/capita. This threshold represents a 15 percent reduction from baseline per capita VMT. The GPU EIR concluded that buildout of the remaining undeveloped areas of the City, consistent with General Plan land use designations and existing development agreements, would exceed the City's adopted threshold, resulting in a significant and unavoidable impact in both the constrained and unconstrained buildout scenarios.

As stated in the GPU EIR and pursuant to the tiering provisions of CEQA, projects that are consistent with the General Plan do not require further VMT analysis; the proposed project is consistent with the General Plan. Quantitative analyses are not required if it can be demonstrated that a project would generate VMT that is equivalent to or less than what was assumed in the GPU EIR.

The proposed project has no impact on air traffic patterns, and does not present substantial safety risks. The project design does not introduce hazards such as sharp curves or dangerous intersections. The project has been reviewed by the City Engineering Division and City Fire Department staff, and has been found to be consistent with the City's Design Standards. Furthermore, standard conditions of approval added

to all City project require compliance with Fire Codes and other design standards. Compliance with existing regulations ensure that impacts are less than significant.

The proposed use is within the scope of the development assumptions of the SVSP EIR and would not increase the severity of already identified significant impacts or cause new significant impacts not previously identified in the SVSP EIR relative to transportation. Thus, the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** Mitigation measures were included for each impacted facility (see SVSP EIR MM 4.3-1 to 4.3-5), but these measures have already been incorporated into the City's Capital Improvement Program and fee programs. The measures are no longer necessary to apply to individual projects, as a mechanism for their funding and construction is already implemented.

## XVIII. Tribal Cultural Resources

|                                                                                                                                                                                                                                                                                                                                                                                               | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
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| Would the project cause a substantial adverse change in the significance of a Tribal Cultural Resource as defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is: |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |
| a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)?                                                                                                                                                                                                   | SVSP EIR Section 4.9                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |      |    |    |    |      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----|----|----|------|
| b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1 the lead agency shall consider the significance of the resource to a California Native American tribe.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Same | No | No | No | None |
| <p><b>Discussion:</b> Impacts related to tribal cultural resources were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. In addition to archeological resources, tribal cultural resources are also given particular treatment. Tribal cultural resources are defined in Public Resources Code Section 21074, as either 1) a site, feature, place, geographically-defined cultural landscape, sacred place, or object with cultural value to a California Native American Tribe, that is listed or eligible for listing on the California Register or Historical Resources, or on a local register of historical resources or as 2) a resource determined by the lead agency, supported by substantial evidence, to be significant according to the historical register criteria in Public Resources Code section 5024.1(c), and considering the significance of the resource to a California Native American Tribe. This section was added as a stand-alone section to the CEQA Guidelines after the publication of the prior environmental document to which this Addendum is attached, but were previously addressed as part of the Cultural Resources chapter of the EIRAs part of this project, notice of the proposed project was mailed to tribes which had requested such notice, and no requests for consultation were received.</p> <p>Given the forgoing, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.</p> <p><b>Mitigation Measures:</b> Mitigation Measure <b>MM 4.9-1</b> (cease work and consult with archeologist) and <b>MM 4.9-2</b> (cease work and consult with paleontologist) remain applicable to the proposed project.</p> |      |    |    |    |      |



**XIX. Utilities and Service Systems**

|                                                                                                                                                                                                                                                                                      | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects? | SVS EIR Section 4.12.1 & 4.12.3                             | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?                                                                                                                           | SVSP EIR Section 4.12.1                                     | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| c) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?                                                                 | SVSP EIR Section 4.12.3                                     | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?                                                                                              | SVSP EIR Section 4.12.4                                     | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?                                                                                                                                                                   | Same                                                        | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |

**Discussion:** Impacts related to utilities and service systems were adequately addressed in the SVSP EIR as it relates to the proposed project, and were previously identified as less than significant. The SVSP EIR addressed water demand for the plan area and determined there was adequate supply to meet the anticipated water demands from development of the plan area. Furthermore, the Kimley-Horn Water and Sewer Memo (Attachment 3), compares the expected water demand from the SVSP with expected water demand for the Erickson Senior Living site based on historical data from other Erickson projects and finds the project is expected to use approximately 83% of the gallons of water day as

anticipated for this site in the SVSP EIR. The City's Environmental Utilities Department staff reviewed the proposed project and memo and concluded there is sufficient water supply to meet the demands of the project. Therefore, the impact conclusions of the SVSP EIR with respect to water supply are still applicable to this project.

Development of the project area will require the construction of water lines and sewer lines and facilities, but these were previously identified through the infrastructure master plans developed for the SVSP. The project does not require any major changes or need for expanded facilities. Additionally, the Water and Sewer Memo concluded that the Peak Wet Weather Flow would be approximately 42% of that anticipated in the SVSP EIR. Therefore, the project will have no effect on wastewater generation beyond that previously analyzed in the SVSP EIR. Environmental Utilities determined that the proposed project changes fell within the scope of the prior assessment. The SVSP EIR concluded that the Pleasant Grove Wastewater Treatment Plan was sized to accommodate flow from the plan area and that impacts would be less than significant. This conclusion remains applicable to the proposed project.

The SVSP EIR indicated that the Western Placer Waste Management Authority facilities would be used to dispose of solid waste, and that there was sufficient capacity to accept solid waste from the SVSP. The SVSP EIR also found that impacts related to solid waste would be significant and unavoidable. The proposed project is a commercial use consistent with the designated zone and is consistent with the waste assumptions of the SVSP.

Given the forgoing, the project is substantially consistent with the build out assumptions in the SVSP EIR, and will result in impacts consistent with the scope of those analyzed in the SVSP EIR and therefore the SVSP EIR analysis remains adequate and applicable to the proposed project.

**Mitigation Measures:** **Mitigation Measures 4.12.4-1** (expand the landfill) and **4.12.4-2** (diversion of construction debris) were included to require payment of fees to be used for landfill expansion and to require a 50% reduction in the construction waste stream. The landfill expansion measure has already been implemented, as fees are already in place that will apply to the proposed project. The remaining measure regarding diversion of construction debris remains applicable, as it is a project-level measure that applies during construction.

**XX. Wildfire**

|                                                                                                                                                                                                                                                                                                                                                                                                                                         | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:                                                                                                                                                                                                                                                                                                        |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |
| a) Substantially impair an adopted emergency response plan or emergency evacuation plan?                                                                                                                                                                                                                                                                                                                                                | n/a                                                         | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?                                                                                                                                                                                                                             | n/a                                                         | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?                                                                                                                                                                      | n/a                                                         | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?                                                                                                                                                                                                                                                 | n/a                                                         | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| <b>Discussion:</b> The Wildfire section was added to the CEQA Guidelines after the publication of the prior environmental document to which this Addendum is attached. The California Department of Forestry and Fire Protection (CAL FIRE) is the state agency responsible for wildland fire protection and management. As part of that task, CAL FIRE maintains maps designating Wildland Fire Hazard Severity zones. The City is not |                                                             |                                                                                           |                                                                                               |                                                             |                                                                                      |

located within a Very High Fire Hazard Severity Zone, and is not in a CAL FIRE responsibility area; fire suppression is entirely within local responsibility. Checklist questions a—d above do not apply, because the project site is not within a Very High Fire Hazard Severity Zone and is not in a CAL FIRE responsibility area. Therefore, there would be no impact related to this criteria.

**Mitigation Measures:** None required for this Project.

## XXI. Mandatory Findings of Significance

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Where Impact Was Analyzed in Prior Environmental Documents. | Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts? | Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts? | Any New Information Requiring New Analysis or Verification? | Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts. |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------------------------|
| a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, threatened or rare species, or eliminate important examples of the major periods of California history or prehistory? | SVSP EIR                                                    | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |
| b) Does the project have impacts which are individually limited, but cumulatively considerable? (“Cumulatively considerable” means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)                                                                                                                              | SVSP EIR                                                    | No                                                                                        | No                                                                                            | No                                                          | None                                                                                 |

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| c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SVSP EIR | No | No | No | None |
| <b>Discussion:</b> Long term environmental goals are not impacted by the proposed project. The cumulative impacts do not deviate beyond what was contemplated in the SVSP EIR, and mitigation measures have already been incorporated. With implementation of the City's Mitigating Ordinances, Guidelines, and Standards and best management practices, mitigation measures described in this document chapter, and permit conditions, the proposed project will not have a significant impact on the habitat of any plant or animal species. Based on the foregoing, the project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of any wildlife species, or create adverse effects on human beings. Thus, pursuant to CEQA Guidelines section 15164, subdivision (a), the City finds that "none of the conditions described in Section 15162 calling for preparation of a subsequent FEIR have occurred" relative to the mandatory findings of significance. |          |    |    |    |      |



## **ENVIRONMENTAL DETERMINATION:**

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*In reviewing the site specific information provided for this project and acting as Lead Agency, the City of Roseville, Development Services Department, Planning Division has analyzed the potential environmental impacts created by this project and determined that the findings of CEQA Section 15162 concerning the decision not to prepare a subsequent EIR or negative declaration and the findings of CEQA Section 15164 concerning the decision to prepare an Addendum can be made. As supported by substantial evidence within the Addendum to the Sierra Vista Specific Plan EIR (2008032115, adopted on May 5, 2010), the Lead Agency makes the following findings:*

[ X ] No substantial changes are proposed in the project which would require major revisions of the previous EIR or Mitigated Negative Declaration.

[ X ] No substantial changes have occurred with respect to the circumstances under which the project is undertaken.

[ X ] There is no new information of substantial importance which was not known and could not have been known with the exercise of due diligence at the time the previous EIR was certified as complete or the Mitigated Negative Declaration was adopted.

[ X ] Only minor technical changes or additions are necessary in order to deem the adopted environmental document adequate.

Addendum Prepared by:



Sean Morales, Associate Planner  
City of Roseville, Development Services–Planning Division

## **Attachments:**

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1. SVSP Applicable Mitigation Measures
2. Kimley-Horn Transportation Memo
3. Kimley-Horn Water and Sewer Study
4. City of Roseville Electric Capacity Study

**TABLE OF APPLICABLE MITIGATION MEASURES**

| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Implementation                                                                                                                                                                                                                      | Timing                                                                                                                              | Reviewing Party | Documents to be Submitted to City                  | Staff Use Only |
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| <p><b>MM 4.4-1 Dust and Construction Control Measures</b></p> <p>In accordance with the PCAPCD, the applicant shall comply with all applicable rules and regulations as listed above (e.g., Rule 202, 218 and 228). In addition, at the time of tentative map the applicant(s) shall implement a minimum of five (5) of the following measures unless superseded by state or other more stringent standards:</p> <p>The following mitigation measures shall be implemented to reduce short-term construction-related air quality impacts. In addition, dust control measures are required to be implemented by all projects in accordance with the City of Roseville Grading Ordinance, and the PCAPCD Fugitive Dust Rule 228.</p> <ul style="list-style-type: none"><li>Applicant shall submit to PCAPCD a Construction Emission / Dust Control Plan within 30 days prior to groundbreaking. If the PCAPCD does not respond within 20 days, the plan shall be considered approved. The plan must address the minimum requirements found in section 300 and 400 of District Rule 228, Fugitive Dust (<a href="http://www.placer.ca.gov/airpollution/airpolut.htm">www.placer.ca.gov/airpollution/airpolut.htm</a>). The applicant shall keep a hard or electronic copy of Rule 228, Fugitive Dust on-site for reference.</li><li>The Construction Emission/Dust Control Plan shall include a comprehensive inventory (i.e. make, model, year, emission rating) of all heavy-duty off-road equipment (50 horsepower (HP) or greater) that will be used an aggregate of 40 or more hours for the construction project. If any new equipment is added after submission of the inventory, the prime contractor shall the prime contractor shall contact the APCD prior to the new equipment being utilized. The project representative shall provide PCAPCD with the anticipated construction timeline including start date, and name and phone number of the project manager and on-site foreman. The plan shall demonstrate that the heavy-duty (&gt; 50 HP) off-road vehicles to be used in the construction project, including owned, leased and subcontractor vehicles, will achieve a project wide fleet-average 20% NO<sub>x</sub> reduction and 45% particulate reduction compared to the most recent ARB fleet average. PCAPCD shall be contacted for average fleet emission data. Acceptable options for reducing emissions may include use of late model engines, low-emission diesel products, alternative fuels, engine retrofit technology, after-treatment products, and/or other options as they become available. Contractors can access the Sacramento Metropolitan Air Quality Management District's web site to determine if their off-road fleet meets the requirements listed in this measure (<a href="http://www.airquality.org/ceqa/Construction_Mitigation_Calculator.xls">http://www.airquality.org/ceqa/Construction_Mitigation_Calculator.xls</a>).</li></ul> <p>The following measures are also included to reduce construction-related ROG, NO<sub>x</sub>, PM<sub>10</sub> and PM<sub>2.5</sub> emissions:</p> <ul style="list-style-type: none"><li>All construction equipment shall be maintained in good operating condition. Contractor shall ensure that all construction equipment is being properly serviced and maintained as per the manufacturer's specifications. Maintenance records shall be available at the construction site for verification. This measure will reduce combustion emissions of all criteria air pollutants.</li><li>Prior to the issuance of any grading permits, all applicants shall submit construction plans denoting the proposed schedule and projected equipment use. Construction contractors shall provide evidence that low emission mobile construction will be used, or that their use was investigated and found to be infeasible for the project. Low emission equipment is defined as meeting the California Air Resources Board's Tier III standards. Contractors shall also conform to any construction measures imposed by the PCAPCD as well as City Planning Staff. This measure will primarily reduce ROG, NO<sub>x</sub>, PM<sub>10</sub>, and PM<sub>2.5</sub> exhaust emissions.</li></ul> | <p>The applicants shall submit construction management plans as part of the Grading Permit application.</p> <p>Engineering will review plans for inclusion of these measures prior to issuance of permits or approval of plans.</p> | <p><i>Pre-Construction:</i> Prior to issuance of Grading Permits or Improvement Plans.</p> <p>Add as note on Improvement Plans.</p> | Engineering     | Dust Control Plan and proof of submittal to PCAPCD |                |

- Paints and coating shall be applied either by hand or by high volume, low-pressure spray. This measure will reduce evaporative ROG emissions.
  - All construction shall comply with the following measures to reduce fugitive dust related emissions of PM10 and PM2.5:
    - Maintain a minimum 24-inch freeboard on soil haul trucks or cover payloads using tarps or other suitable means.
    - Suspend grading operations during high winds (greater than 15 mph).
    - Sweep streets as necessary if silt is carried off-site to adjacent public thoroughfares or occurs as a result of hauling.
    - Dispose of surplus excavated material in accordance with local ordinances and use sound engineering practices.
    - Schedule activities to minimize the amounts of exposed excavated soil during and after the end of work periods.
    - Phase grading into smaller areas to prevent the susceptibility of larger areas to erosion over extended periods of time.
    - Pave or apply gravel to anyon-site haul roads.
    - Reestablish ground cover on the construction site through seeding and water.
    - Clean earth moving construction equipment with water or sweep clean, once per day, or as necessary (e.g., when moving onsite), consistent with National Pollutant Discharge Elimination System Best Management Practices and the Roseville Grading Ordinance. Water shall be applied to control dust as needed to prevent dust impacts offsite. Operational water truck(s), shall be on-site, as required, to control fugitive dust. Construction vehicles leaving the site shall be cleaned, as needed, to prevent dust, silt, mud, and dirt from being released or tracked off-site.
    - Spread soil binders on unpaved roads and employee/equipment parking areas. Soil binders shall be non-toxic in accordance with state and local regulations. Apply approved chemical soil stabilizers, or vegetated mats, etc. according to manufacturers' specifications, to all-inactive construction areas (previously graded areas which remain inactive for 96 hours).
    - Minimize diesel idling time to a maximum of five minutes.
    - Utilize existing power sources (e.g., power poles) or clean fuel generators ratherthan temporary diesel power generators, if feasible.
    - An applicant representative, ARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely (i.e., once per week) evaluate project related off-road and heavy-duty on-road equipment emissions for compliance with this requirement for projects grading more than 20 acres in size, regardless of how many acres are to be disturbed daily.
    - Construction equipment exhaust emissions shall not exceed the PCAPCD Visible Emissions Rule 202. Fugitive dust is not to exceed 40% opacity and not go beyond property boundary at any time. Operators of vehicles and equipment found to exceed opacity limits are to be immediately notified and the equipment must be repaired within 72 hours.
- The following measures will be required:
1. Include the following standard note on the Improvement/Grading Plan: *If required by the Public Works Department, the contractor shall hold a pre-construction meeting prior to grading activities. The contractor shall invite the Placer County APCD to the pre-construction meeting in order to discuss the construction emission/dust control plan with employees and/or contractors.*
  2. Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, that electrical outlets shall be installed on the exterior walls of both the front and back of all residences or all commercial buildings to promote the use of electric landscape maintenance equipment.
  3. Prior to building permit approval, the applicant shall show, on the plans submitted to the Building Department, provisions for construction of new residences, and where natural gas is available, the installation of a gas outlet for use with outdoor cooking appliances, such as a gas barbecue or outdoor recreational fire pits.
  4. Prior to building permit approval, in accordance with District Rule 225, only U.S. EPA Phase II certified wood burning devices shall be allowed in single-family residences. The emission potential from each residence shall not exceed a cumulative total of 7.5 grams per hour for

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                      |                                                                                                                                  |                                                                                                           |  |  |
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| <p>all devices. Masonry fireplaces shall have either an EPA certified Phase II wood burning device or shall be a U.L. Listed Decorative Gas Appliance. (Rule 225)</p> <p>5. Wood burning or Pellet appliances shall not be permitted in multi-family developments. Only natural gas or propane fired fireplace appliances are permitted. These appliances shall be clearly delineated on the Floor Plans submitted in conjunction with the Building Permit application. (Rule 225 / section 302.2)</p> <p>6. Prior to the issuance of a Building Permit, the applicant shall show that all flat roofs with parapets shall include a white or silver cap sheet to reduce energy demands.</p> <p>7. Diesel trucks shall be prohibited from idling more than five minutes. Prior to the issuance of a Building Permit, the applicant shall show that all truck loading and unloading docks shall be equipped with one 110/208 volt power outlet for every two dock doors. Diesel Trucks idling for more than five minutes shall be required to connect to the 110/208 volt power to run any auxiliary equipment. 2'x3' signage which indicates "Diesel engine Idling Limited to a Maximum of 5 Minutes" shall be shown on the building elevations and shall be submitted to the Placer County APCD prior to the issuance of Building Permits for the project.</p> <p>8. Prior to approval of Improvement Plans, an enforcement plan shall be established, and submitted to the APCD for review, in order to evaluate project-related on-and-off- road heavy-duty vehicle engine emission opacities on a weekly basis, using standards as defined in California Code of Regulations, Title 13, Sections 2180 – 2194. An Environmental Coordinator, hired by the prime contractor or property owner, and who is CARB-certified to perform Visible Emissions Evaluations (VEE), shall routinely evaluate project related off-road and heavy duty on-road equipment emissions for compliance with this requirement. Operators of vehicles and equipment found to exceed opacity limits will be notified by APCD and the equipment must be repaired within 72 hours. (California Code of Regulations, Title 13, Sections 2180 – 2194)</p> <p><i>The project shall comply with all applicable Placer County Air Pollution Control District rules and regulations, and shall obtain applicable permits and/or clearances from the District prior to the start of construction.</i></p> <ul style="list-style-type: none"><li>• The contractor shall use CARB ultra-low sulfur diesel fuel for all diesel-powered equipment. In addition, low sulfur fuel shall be utilized for all stationary equipment. (California Standards for Motor Vehicle Diesel Fuel, title 13, article 4.8, chapter 9, California Code of Regulations).</li><li>• Processes that discharge 2 pounds per day or more of air contaminants, as defined by Health and Safety Code Section 39013, to the atmosphere may require a permit. Permits are required for both construction and operation. Developers/contractors should contact the District prior to construction and obtain any necessary permits prior to the issuance of a Building Permit. (Rule 501)</li><li>• Pursuant to the Placer County Air Pollution Control District Rule 501, General Permit Requirements, the proposed project may need a permit from the District prior to construction. In general, any engine greater than 50 brake horsepower or any boiler with heat greater than 1,000,000 Btu per hour shall require a permit issued by the District. (Rule 501)</li><li>• All on-site stationary equipment which is classified as 50 hp or greater shall either obtain a state issued portable equipment permit or a Placer County APCD issued portable equipment permit. (California Portable Equipment Registration Program, Section 2452).</li><li>• The contractor shall utilize existing power sources (e.g., power poles) or clean fuel generators rather than temporary diesel power generators if feasible.</li><li>• During construction, the contractor shall minimize idling time to a maximum of 5 minutes for all diesel powered equipment.</li><li>• During construction, traffic speeds on all unpaved surfaces shall be limited to 15 miles per hour or less. (Rule 228 / section 401.2)</li></ul> |                                                                                                                                                                                                                                                      |                                                                                                                                  |                                                                                                           |  |  |
| <p><b>MM 4.5-1 Air Quality Measures</b></p> <p>Implementation of the Air Quality Mitigation Measures listed in Section 4.3 Air Quality would reduce operational and construction-related emissions of criteria air pollutants and precursors, and would also act to reduce GHG emissions associated with project construction and operation. Mitigation Measure 4.4-1 found in the Air Quality section of this EIR, is relevant to impact 4.5-1 because both criteria air pollutant and GHG emissions are frequently associated with combustion byproducts. In addition, the City shall implement the following measures to reduce direct and indirect GHG</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>The applicants shall submit construction management plans as part of the Grading Permit application. The Public Works Director shall review grading plans for inclusion of these measures prior to issuance of grading permits. The City Code</p> | <p><i>Pre-Construction:</i> Prior to issuance of Grading Permits. <b>Add as note on Improvement Plans and Building Plans</b></p> | <p>Director of Public Works shall ensure that dust and construction-control measures are implemented.</p> |  |  |

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| <p>emissions associated with the proposed project. Certain measures would already be components of the project (i.e., Specific Plan policies, design guidelines and standards), and/or would be applied consistent with the City's General Plan Policies, addressing GHG emissions and climate change, but are provided here for purposes of completeness.</p> <p><b>MM 4.5-2 Additional Measures to Reduce GHG Emissions</b></p> <p>For each new development within the project site requiring a discretionary approval (e.g., tentative subdivision map, conditional use permit), the City shall impose mitigation measures that reduce GHG emissions to the extent feasible and to the extent appropriate with respect to the state's progress at the time toward meeting GHG emissions reductions required by the California Global Warming Solutions Act of 2006 (AB 32). The City shall require feasible reduction measures that, in combination with existing and future regulatory measures developed under AB 32, will reduce GHG emissions associated with the operation of developments and supporting infrastructure that are part of the proposed project by 30% from business-as-usual emissions levels projected for 2025, if feasible.</p> | <p>Enforcement Officer shall respond to complaints. In addition, plans will be reviewed by the Placer County Air Pollution Control District for compliance with their rules and regulations.</p> |                                                                                                                        |                                 |             |  |
| <p><b>MM 4.14-1 Site Lighting to Minimize Nuisance</b></p> <p>Light producing uses, such as ball fields, within the SVSP Area shall be located and oriented to minimize visual impacts on adjacent residential areas. Lighting should be shielded and designed to distribute light in the most effective and efficient manner, using the minimum amount of light to achieve the necessary illumination for the use, as defined by suggested lighting standards for competitive play.</p> <p><b>MM 4.14-2 Use Low Glare Materials</b></p> <p>In order to reduce the effects of daytime glare from development of commercial or office uses within the SVSP Area, building developers should make use, when feasible, of low-glare materials.</p> <p><b>MM 4.14-3 Avoid Light Spill Over into Curry Creek and Open Space Areas</b></p> <p>Outdoor lighting shall be placed, designed and directed so as to avoid light spillover into the habitat of Curry Creek and the Open Space Preserve areas located immediately adjacent to the open space, as shown on the Land Use Map as parcels KT-1, KT-40, KT-30, KT-41, DF-1, DF-2, DF-40, CG-1, CG-82m JM-21, JM-3, and JM-4.</p>                                                                             | <p>Comply with the measure</p>                                                                                                                                                                   | <p><i>Pre-Construction:</i> Ensure fixtures shown on Improvement Plans and Building Plans comply with the measure.</p> | <p>Engineering and Building</p> | <p>None</p> |  |



Attachment 1

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| Outdoor lighting shall be placed, designed and directed so as to avoid light spillover into the habitat of Curry Creek and the Open Space Preserve areas located immediately adjacent to the open space, as shown on the Land Use Map as parcels KT-1, KT-40, KT-30, KT-41, DF-1, DF-2, DF-40, CG-1, CG-82m JM-21, JM-3, and JM-4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                   | Add as note on Improvement Plans and Building Plans                                                                                                                                                                                 |                                                                                                                                                                                          |      |  |
| <p><b>MM 4.6-1 Construction Noise Reduction</b></p> <p><b>MM 4.6-1(a):</b> Construction activities shall comply with the requirements of the City of Roseville Noise Ordinance.</p> <p><b>MM4.6-1(b):</b> Locate fixed construction equipment such as compressors and generators as far as possible from sensitive receptors. Shroud or shield all impact tools, and muffle or shield all in-take and exhaust ports on power construction equipment.</p> <p><b>MM 4.6-1(c):</b> Designate a construction disturbance coordinator and conspicuously post the Coordinator’s contact information around the project site and in adjacent public spaces. The disturbance coordinator will receive all public complaints about construction noise disturbances, and will be responsible for determining the cause of the complaint, and implementing any feasible measures to be taken to alleviate the problem.</p> <p><b>MM 4.6-1(d):</b> Well drilling shall occur prior to construction of the adjacent subdivision, to the extent feasible. If construction timing for the wells occurs after subdivision construction, then measures to reduce noise shall include; hanging flexible sound control curtains around the drilling apparatus, and the drill rig, to the degree feasible, as determined by the Environmental Utilities Director, if located within 1,000-feet of an occupied residence.</p> | Discuss during pre-construction meeting and comply with the measure.                              | <p><i>Pre-Construction and Construction:</i> During construction for MM 4.6-1(d), and prior to issuance of Improvement Plans and/or Building Permits for all others.</p> <p>Add as note on Improvement Plans and Building Plans</p> | <p><u>Engineering</u> staff to discuss this measure during pre-construction meeting and ensure posting has occurred.</p> <p><u>Environmental Utilities</u> to address well drilling.</p> | None |  |
| <p><b>MM 4.6-2 Commercial Noise Controls</b></p> <p>For all commercial uses within 150 feet of residential uses, the developer shall implement the following or equally effective measures: In general, where commercial land uses adjoin residential property lines, the following measures should be included in the design of the commercial use. If the primary noise sources are parking lot noise, HVAC equipment and light truck deliveries, then 6-7 foot tall masonry walls shall be constructed to provide adequate isolation of parking lot and delivery truck activities. HVAC equipment shall be located either at ground level, or when located on roof-tops the building facades shall include parapets for shielding.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | The Planning Department shall review development proposals to ensure that the uses are compatible | <p><i>Prior to issuance of Building Permits</i></p>                                                                                                                                                                                 | The Planning Director shall review all commercial plans and ensure that appropriate measures are implemented.                                                                            |      |  |

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| <p><b>MM 4.8-3      Avoid Nesting Sites</b></p> <p>To ensure that fully protected bird and raptor species are not injured or disturbed by construction in the vicinity of nesting habitat, the project applicant shall implement the following measures:</p> <p><i>Raptors</i></p> <p>a) When feasible, all tree removal shall occur between August 30th and February 15<sup>th</sup> to avoid the breeding season of any raptor species that could be using the area, and to discourage hawks from nesting in the vicinity of an upcoming construction area.</p> <p>b) For Swainson's hawk, if avoidance of tree removal outside the breeding season is not feasible, and a nest is present, the applicants would be required to obtain a 2081 permit from CDFG to mitigate for potential “take” under CESA. If no nesting is occurring, a take permit would not be required.</p> <p>c) Prior to the beginning of mass grading, including grading for major infrastructure improvements, during the period between February 15<sup>th</sup> and August 30<sup>th</sup>, all trees and potential burrowing owl habitat within 350 feet of any grading or earthmoving activity shall be surveyed for active raptor nests or burrows by a qualified biologist no more than 30-days prior to disturbance. If active raptor nests or burrows are found, and the site is within 350-feet of potential construction activity, a highly visible temporary fence shall be erected around the tree or burrow(s) at a distance of up to 350-feet, depending on the species, from the edge of the canopy to prevent construction disturbance and intrusions on the nest area.</p> <p>d) Preconstruction and non-breeding season exclusion measures shall be developed in consultation with CDFG, and shall preclude burrowing owl occupation of the portions of the project site subject to disturbance such as grading. Burrowing owls may be passively excluded from burrows in construction areas by placing one-way doors in the burrows according to CDFG protocol. The one-way doors must be in place for a minimum of three days. All burrows that may be occupied by burrowing owls regardless of whether they exhibit signs of occupation must be cleared with the one way doors. Burrows that have been cleared through the use of the one-way doors shall then be closed or backfilled to prevent owls from entering the burrow.</p> <p>e) No construction vehicles shall be permitted within restricted areas (i.e., raptor protection zones) unless directly related to the management or protection of the legally protected species.</p> <p>f) If a legally protected species nest is located in a tree designated for removal, the removal shall be deferred until after August 30<sup>th</sup> or until the adults and young of the year are no longer dependent on the nest site as determined by a qualified biologist.</p> <p><i>Black Rails and Tri-colored Blackbirds</i></p> <p>Prior to earth moving that would disturb marsh habitat, a qualified biologist shall conduct surveys to determine the presence of the California black rail. If either of these species is found, all earth moving within 250 feet shall stop and measures, including establishing nest protection buffers along both sides of Curry Creek during the nesting season (generally February 1 through August 31<sup>st</sup>) shall be implemented.</p> <p><i>Rookeries</i></p> <p>No heron rookeries are present within the plan area. Prior to earthmoving that would disturb marsh habitat or tree removal of the eucalyptus grove, pre-construction surveys should be conducted to verify that no rookeries have been established. If rookeries are present all earth moving within 250-feet shall stop, during the breeding season.</p> | <p>Results of preconstruction surveys shall be submitted prior to the issuance of a grading permit or Improvement Plans. Applicable construction restrictions shall be reflected within plans. The applicants shall prepare annual reports on the status and success of mitigation and shall submit these reports to USFWS and CDFG. The applicants shall coordinate with USFWS and CDFG to modify as necessary any mitigation plans in an effort to attain mitigation success.</p> | <p><i>Pre-Construction and Construction:</i> Surveys required prior to construction. If surveys are positive for birds, then remainder of mitigation steps are required prior to construction.</p> <p>Add as note on Improvement Plans.</p> | <p>Engineering</p> | <p>Nesting bird surveys</p> |  |
| <p><b>MM 4.13-1 Implementation of construction activity stormwater protection standards</b></p> <p>Prior to the issuance of a City grading permit and the commencement of construction activities, compliance with the State’s General Construction permit, the City of Roseville’s Construction Standards, and the City’s Stormwater BMP Guidance Manual will be met. This includes the creation of a Storm Water Pollution Prevention Plan (SWPPP) that will identify the site, the location of sensitive habitats or watercourses, drainage areas, discharge locations, soil disturbance areas, and the locations of all runoff, erosion control, and sediment control Best Management Practices (BMPs). On-going monitoring and adjustments to the SWPPP will occur when needed to address changes in the field as construction activities evolve.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <p>The developer shall create a SWPPP, submit it to the City, and comply with its provisions.</p>                                                                                                                                                                                                                                                                                                                                                                                   | <p><i>Pre-Construction and Construction:</i> Submit SWPPP and ensure that BMPs remain in place during construction.</p> <p>Add as note on Improvement Plans and Building Plans.</p>                                                         | <p>Engineering</p> | <p>SWPPP</p>                |  |

Attachment 1

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                |                                                                                                                                                             |                          |                                                         |  |
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| <b>MM 4.9-1 Cease Work and Consult with Qualified Archaeologist</b><br>Should any cultural resources, such as structural features, any amount of bone or shell, artifacts, human remains, or architectural remains, be encountered during any subsurface development activities, work shall be suspended within 100-feet of the find. The City of Roseville Planning and Public Works Staff shall be immediately notified. At that time, the City of Roseville shall coordinate any necessary investigation of the site with qualified archaeologists as needed, to assess the resource (i.e., whether it is an “historical resource” or a “unique archaeological resource”) and provide proper management recommendations should potential impacts to the resources be found to be significant. Possible management recommendations for important resources could include resource avoidance or, where avoidance is infeasible in light of project design or layout or is unnecessary to avoid significant effects, data recovery excavations. The contractor shall implement any measures deemed feasible and necessary by City staff, in consultation with the archaeologists, to be to avoid or minimize significant effects to the cultural resources. In addition, pursuant to Section 5097.98 or the State Public Resources Code, and Section 7050.5 of the State Health and Safety Code, in the event of the discovery of human remains, the County Coroner shall be immediately notified. If the remains are determined to be Native American, guidelines of the Native American Heritage Commission shall be adhered to in the treatment and disposition of the remains. | This condition shall be reflected in all construction and building plans, and construction site workers shall be advised by the site manager of this measure.                                  | <i>Construction:</i> Measure applies if resources are discovered during construction.<br><br>Add as note on Improvement Plans and Building Plans.           | Engineering and Building | None                                                    |  |
| <b>Mitigation Measure 4.9-2 Cease Work and Consult with Qualified Paleontologist</b><br>Should any evidence of paleontological resources (e.g. fossils) be encountered during grading or excavation, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with a qualified paleontologist to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance, if feasible in light of project design or layout, or data recovery excavations. The contractor shall implement any measures deemed feasible and necessary by City staff in consultation with the paleontologist for the protection of the paleontological resources.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | This condition shall be reflected in all construction and building plans, and construction site workers shall be advised by the site manager of this measure.                                  | <i>Construction:</i> Measure applies if resources are discovered during construction.<br><br>Add as note on Improvement Plans and Building Plans.           | Engineering and Building | None                                                    |  |
| <b>Mitigation Measure 4.9-3 Conduct Studies Prior To Offsite Infrastructure Construction</b><br>Prior to undertaking construction of off-site infrastructure, the City shall determine whether or not cultural resource surveys have been undertaken for any areas to be disturbed during construction. If surveys were conducted, the City shall document that any identified resources were treated as recommended in the studies. If no studies or surveys were conducted, the City shall ensure that a qualified archaeologist conducts the appropriate level of study. If resources are found, recommendations, including the possible management recommendations listed in MM 4.9-1 and MM4.9-2, shall be implemented to ensure that the resources are avoided, protected and/or recorded, as determined to be feasible and appropriate by City staff.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | This condition shall be reflected in all construction and building plans, and construction site workers shall be advised by the site manager of this measure.                                  | <i>Pre-Construction:</i> Prior to issuance of Grading Permits or Improvement Plans.<br><br>Add as note on Improvement Plans.                                | Engineering and Building | Applicable studies                                      |  |
| <b>MM 4.10-1 Identify Potential Hazardous Materials (soil contamination, tank or well sites, lead based paint and/or asbestos)</b><br>Prior to site development in the SVSP, recommended testing and remediation, if needed shall occur. Groundwater wells shall be properly closed.<br><br>If evidence of soil contamination, septic tanks, or other underground storage tanks are encountered in previously unidentified locations in the SVSP area, work shall cease until the area can be tested, and if necessary remediated and/or properly removed or closed. Remediation activities could include removal of contaminated soil, and/or onsite treatment. As part of the process, the City shall ensure that any necessary investigation and/or remediation activities are coordinated with the Roseville Fire Department, Placer County Division of Environmental Health, and if needed, other appropriate federal, state and local agencies. Once a site is remediated, construction can continue.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | The applicants shall be responsible for conducting soil testing and/or recommendation of the Phase I environmental site assessments, if conditions are encountered which warrant such studies. | <i>Construction:</i> Applies if conditions found which warrant assessment (e.g. stained soils, underground tanks).<br><br>Add as note on Improvement Plans. | Engineering and Fire     | Phase I environmental assessment, if conditions warrant |  |
| <b>MM 4.12.4-2 Divert Construction Debris</b><br>The applicants shall ensure a 50% reduction in the construction waste stream generated from development within the SVSP. In Developer contracts with construction contractors and their sub-contractors, the Developer shall require that construction waste be reduced by 50%. The Developer shall further require that contractors and sub-contractors submit records of diversion and disposal to the City’s Environmental Utilities Department in order to verify compliance with this requirement.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Comply with the measure                                                                                                                                                                        | <i>Construction:</i> Contractor to ensure diversion occurs during construction.<br><br>Add as note on Improvement Plans and Building Plans.                 | Environmental Utilities  | Records of diversion                                    |  |

NOTE: This table is provided as a courtesy to the developer, to highlight the text of measures which are required to be placed on Improvement Plans and/or Building Plans. Refer to the applicable environmental document (e.g. Environmental Impact Report) for a full list of measures, and for context. Other measures may be applicable, but are not included here because they have already been completed or they are addressed via other mechanisms (e.g. development fees).

## Memorandum

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**To:** Jack Varozza, P.E., QSD/P  
Senior Engineer, City of Roseville

**From:** Pedro Cortes  
Matt Weir, P.E., T.E., PTOE, RSP<sub>1</sub>  
Curtis Yee, E.I.T.

**Re:** *Erickson Senior Living*  
*Local Traffic Evaluation*  
*Roseville, California*

**Date:** March 13, 2023

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This memorandum documents the transportation analysis completed for the Erickson Senior Living project. The purpose of this analysis is to evaluate the proposed project's localized traffic operations and access points, including throat depths and driveway treatments, that are necessary to ensure safe and efficient operations.

### Project Description

Erickson Senior Living intends to construct up to 1,201 continuing care units and an assisted living facility with 240 beds on a currently vacant site located along the north side of Baseline Road between Watt Avenue/Santucci Boulevard and Westbrook Boulevard in Roseville, California. A fifty (50) space Park & Ride lot is included at the project's western frontage along Santucci Boulevard. Access to the project site is proposed to be accomplished from multiple driveways along the project frontages. The primary access driveway will be a full-access driveway along Baseline Road. This main driveway intersection will be signalized and will also house the primary gated entry serving the project. One additional secondary driveway is also provided on Sierra Village drive along the northern frontage of the project, and one emergency vehicle access with resident egress is provided on Westbrook Boulevard along the eastern frontage of the project. The aforementioned Park & Ride lot is currently shown as being external to the project's on-site roadway network and would be accessed via one driveway along Santucci Boulevard. The project site plan is provided in **Exhibit 1**.

### Study Facilities and Analysis Methodology

#### *Study Facilities*

**Exhibit 2** shows the location of the project site. **Exhibit 3** illustrates the study facilities, traffic control, and lane geometry. The lane geometries represented in the **Exhibit 3** and the analysis include the 4-lane Baseline Road currently under construction and the pending opening of the Santucci Boulevard leg at its intersection with Baseline Road. A weekday, peak-hour level of service (LOS) analysis was completed for the following intersections:

1. Baseline Road @ Watt Avenue/ Santucci Boulevard
2. Baseline Road @ Site Access Driveway (South)
3. Baseline Road @ Westbrook Boulevard
4. Santucci Boulevard @ Park & Ride Driveway (West)
5. Sierra Village Drive @ Site Access Driveway (North)
6. Westbrook Boulevard @ Site Access Driveway (East)

*Level of Service (LOS) Definitions*

The LOS of a facility is a qualitative measure used to describe operational conditions. LOS ranges from A, which represents minimal delay, to F, which represents heavy delay and a facility that is operating at or near its functional capacity. Levels of Service for this study were determined using methods defined in the *Highway Capacity Manual (HCM)*, 6<sup>th</sup> Edition).

The HCM includes procedures for analyzing side-street stop controlled (SSSC), all-way stop controlled (AWSC), and signalized intersections. The SSSC procedure defines LOS as a function of average control delay for the worst (most delay) minor street approach or movement. Conversely, the AWSC and signalized intersection procedures define LOS as a function of average control delay for the intersection as a whole. **Table 1** presents intersection LOS definitions as defined in the HCM.

**Table 1 – Intersection Level of Service Criteria**

| Level of Service (LOS) | Un-Signalized                    | Signalized                      |
|------------------------|----------------------------------|---------------------------------|
|                        | Average Control Delay* (sec/veh) | Average Control Delay (sec/veh) |
| A                      | ≤ 10                             | ≤ 10                            |
| B                      | > 10 – 15                        | > 10 – 20                       |
| C                      | > 15 – 25                        | > 20 – 35                       |
| D                      | > 25 – 35                        | > 35 – 55                       |
| E                      | > 35 – 50                        | > 55 – 80                       |
| F                      | > 50                             | > 80                            |

Source: *Highway Capacity Manual*, 6<sup>th</sup> Edition

\* Applied to the worst lane/lane group(s) for SSSC and AWSC

## Assessment of Proposed Project

### *Trip Generation, Distribution, and Assignment*

The number of trips anticipated by the proposed project was approximated using data included in the *Trip Generation Manual*, 11<sup>th</sup> Edition, published by the Institute of Transportation Engineers (ITE). ITE Land Use (LU) Code 255 (Continuing Care Retirement Community) and Code 254 (Assisted Living) were used to approximate trips generated by this project. Land Use Code 90 (Park-and-Ride Lot with Bus or Light Rail) was used to approximate trips generated by the Park & Ride lot.

**Table 2** presents the project trip generation estimate. As shown, the project is anticipated to generate 3,752 weekday trips, 271 trips during the AM peak-hour, and 353 during the PM peak-hour.

It should be noted that per the *Sierra Vista Specific Plan*<sup>1</sup>, the project parcel was originally designated as a commercial land use. The land use is represented as a mix of office and retail in the Buildout/2035 CIP Travel Demand Model (TDM). **Table 2** presents the comparison of the originally assumed PM-peak-hour trips with the proposed project trip generation. As shown in **Table 2**, the proposed project's PM peak-hour trips represent only approximately 24-percent of the originally assumed trips in the City TDM. Therefore, cumulative scenarios were not considered in the analysis.

The distribution of project traffic was developed based on the project area roadway volumes, general knowledge of project area traffic patterns, and engineering judgement. The project trip distribution is shown in **Exhibit 4**. Project Trips were assigned to the study intersections and the surrounding roadway network according to these patterns. The project trip assignment is reflected in **Exhibit 5**.

<sup>1</sup> *Sierra Vista Specific Plan*, City of Roseville, Adopted May 5, 2020.



Table 2 – Proposed Project Trip Generation

| ITE Land Use Code                           | Land Use                                              | # Units | Weekday Trips | AM Peak-Hour |     |     | PM Peak-Hour |     |     |
|---------------------------------------------|-------------------------------------------------------|---------|---------------|--------------|-----|-----|--------------|-----|-----|
|                                             |                                                       |         |               | Total        | In  | Out | Total        | In  | Out |
| Buildout/2035 CIP Model Travel Demand Model |                                                       |         |               |              |     |     |              |     |     |
| N/A                                         | Retail                                                | 549     | -             | -            | -   | -   | 1,351        | -   | -   |
| N/A                                         | Office                                                | 98      | -             | -            | -   | -   | 141          | -   | -   |
| Total Assumed Trips                         |                                                       |         | -             | -            | -   | -   | 1,492        | -   | -   |
| Proposed Project                            |                                                       |         |               |              |     |     |              |     |     |
| 255                                         | Continuing Care Retirement Community <sup>1</sup>     | 1,201   | 2,966         | 180          | 117 | 63  | 228          | 89  | 139 |
| 254                                         | Assisted Living <sup>1</sup>                          | 240     | 624           | 43           | 26  | 17  | 58           | 23  | 35  |
| 90                                          | Park-and-Ride Lot with Bus or Light Rail <sup>1</sup> | 50      | 162           | 48           | 37  | 11  | 67           | 17  | 50  |
| Total Proposed Project Trips                |                                                       |         | 3,752         | 271          | 180 | 91  | 353          | 129 | 224 |

Source: <sup>1</sup> Trip Generation Manual, 11<sup>th</sup> Edition

## Analysis Results

### Intersection Level of Service (LOS)

To establish Existing conditions, traffic counts were collected for the existing study intersections on Tuesday, March 1, 2022. Existing intersections turning movement counts are included as **Attachment A**. The proposed project trips were then added to the existing peak-hour traffic volumes. Furthermore, additional non-project trips were generated and distributed on the network to account for the anticipated traffic associated with the connection of Santucci Boulevard to Baseline Road. The number of trips added were based on the trip generation for 609 single-family detached units from the developments north of Sierra Village Drive found in the *Sierra Vista Specific Plan*. **Exhibit 6** presents the established Existing plus Project peak-hour traffic volumes.

**Table 3** presents the peak-hour intersection LOS analysis results. As indicated in **Table 3**, the study intersections operate between LOS A and C in the Existing plus Project scenario. Analysis worksheets for the Existing plus Project are provided in **Attachment B**.

Table 3 – Existing plus Project Intersection LOS Summary

| ID | Intersection                                   | LOS Threshold | Control | Peak Hour | Existing plus Project |      |
|----|------------------------------------------------|---------------|---------|-----------|-----------------------|------|
|    |                                                |               |         |           | Delay (sec)           | LOS  |
| 1  | Baseline Road @ Watt Avenue/Santucci Boulevard | C             | Signal  | AM        | 25.2                  | C    |
|    |                                                |               |         | PM        | 31.2                  | C    |
| 2  | Baseline Road @ Site Access Dwy (South)        |               | Signal  | AM        | 6.7                   | A    |
|    |                                                |               |         | PM        | 6.5                   | A    |
| 3  | Baseline Road @ Westbrook Boulevard            |               | Signal  | AM        | 14.4                  | B    |
|    |                                                |               |         | PM        | 9.7                   | A    |
| 4  | Santucci Boulevard @ Park & Ride Dwy           |               | SSSC    | AM        | 0.3( 8.6 WB)          | A(A) |
|    |                                                |               |         | PM        | 1.1(9.1 WB)           | A(A) |
| 5  | Sierra Village Drive @ Site Access Dwy (North) |               | SSSC    | AM        | 1.1(9.4 NB)           | A(A) |
|    |                                                |               |         | PM        | 1.3(9.5 NB)           | A(A) |
| 6  | Westbrook Boulevard @ Site Access Dwy (East)   |               | SSSC    | AM        | 0.4 (9.2 EB)          | A(A) |
|    |                                                |               |         | PM        | 0.8(9.1 EB)           | A(A) |

Notes: Side Street Stop Controlled (SSSC) reported as intersection delay followed by worst approach's delay.

### Queuing Analysis

Queueing for select movements was analyzed to evaluate turning movement storage lengths. **Table 4** summarizes the expected 95<sup>th</sup> percentile queues for left-turn movements at the Base Line Road intersections with Watt Avenue/Santucci Boulevard, Site Access Driveway (South), and Westbrook Boulevard.

**Table 4 – Turning Lane 95th Percentile Queues**

| Intersection / Analysis Scenario                          | Movement   | Available Storage (ft) | 95th % Queue (ft) |              |
|-----------------------------------------------------------|------------|------------------------|-------------------|--------------|
|                                                           |            |                        | AM Peak-Hour      | PM Peak-Hour |
| <b>#1, Baseline Road @ Watt Avenue/Santucci Boulevard</b> | <b>EBL</b> |                        |                   |              |
| Existing plus Proposed Project                            |            | 250                    | 31                | 69           |
|                                                           | <b>WBL</b> |                        |                   |              |
| Existing plus Proposed Project                            |            | 330                    | 345               | 494          |
|                                                           | <b>NBL</b> |                        |                   |              |
| Existing plus Proposed Project                            |            | 200                    | 75                | 119          |
|                                                           | <b>SBL</b> |                        |                   |              |
| Existing plus Proposed Project                            |            | 230                    | 32                | 48           |
| <b>#2, Baseline Road @ Site Access Driveway (South)</b>   | <b>EBL</b> |                        |                   |              |
| Existing plus Proposed Project                            |            | 150                    | 33                | 30           |
| <b>#3, Baseline Road @ Westbrook Boulevard</b>            | <b>EBL</b> |                        |                   |              |
| Existing plus Proposed Project                            |            | 270                    | 93                | 61           |
|                                                           | <b>SBL</b> |                        |                   |              |
| Existing plus Proposed Project                            |            | 250                    | 273               | 204          |

As shown in **Table 4**, the westbound left-turn queues exceed the available storage at Intersection #1 (Baseline Road @ Watt Avenue/Santucci Boulevard) in the PM peak-hour scenario. The proposed project adds 26 trips for the PM Peak-Hour to this movement, or approximately 6-percent of the total turning movement volume. By removing the project trips, the project is found to contribute just over one vehicle length in queuing to the Existing condition.

It is recommended that the signal timing at Intersection #1 (Baseline Road @ Watt Avenue/Santucci Boulevard) be optimized upon construction of the full intersection. Optimizing the signal could improve the intersection's westbound left 95<sup>th</sup> percentile queue length to approximately 430-feet. In addition to signal timing optimization, it is recommended that a striping modification be made to the westbound left turn at Intersection #1 to push the opening of the left-turn lane 100-feet east and remove the bay taper striping to open up the adjacent two-way left-turn lane and accommodate the excess queue. The queuing analysis for the optimized signal is shown in **Attachment B**. The striping modification will be constructed as part of the ongoing intersection improvement along Baseline Road.

### Minimum Required Throat Depth (MRTD)

The MRTD was determined for the unsignalized site access driveways, as well as the Park & Ride lot driveways per the *City of Roseville Traffic Impact Study Standards*<sup>2</sup>. The City's MRTD methodology uses traffic volumes approaching the side-street stop control (project trips), conflicting volumes for right- and left-turns along the major street, and percentages of right-turn movements to determine the MRTD. The

<sup>2</sup> City of Roseville Improvement Standards, Section 4 - Traffic Impact Studies, City of Roseville, January 2016.

Park & Ride driveway was evaluated as a right-in/right-out driveway and the Site Access Driveway (North) was evaluated as a full access driveway. The Site Access Driveway (East) is understood to be an emergency vehicle access and was not evaluated for MRTD. **Table 5** summarizes the findings of the MRTD evaluation.

**Table 5 – MRTD for Site Access Driveways**

| Driveway |                                                     | Peak-Hour | Approach Volume | ConflVol (Left) | ConflVol (Right) | LT Out | RT Out | RT%  | MRTD (ft) |
|----------|-----------------------------------------------------|-----------|-----------------|-----------------|------------------|--------|--------|------|-----------|
| 4        | Santucci Boulevard @ Park & Ride Driveway           | AM        | 12              | 0               | 64               | 0      | 12     | 100% | 50        |
|          |                                                     | PM        | 54              | 0               | 182              | 0      | 54     | 100% |           |
| 5        | Sierra Village Drive @ Site Access Driveway (North) | AM        | 17              | 207             | 143              | 8      | 9      | 54%  | 25        |
|          |                                                     | PM        | 37              | 278             | 101              | 17     | 20     | 54%  |           |

As shown in **Table 5**, per the project site plan in **Exhibit 1**, the MRTD is provided for each of the driveways evaluated.

### Baseline Road @ Site Access Driveway (South) Gate Evaluation

As we understand, a guard shack is being proposed, according to the project site plan in **Exhibit 1**, to provide safe access for employees and residents entering the main gate and to monitor visitor and guest access to the facility. As such, recommendations must consider this dual-purpose guard shack, and are informed based on estimated arrival and processing times for both residents/employees and guests.

Arrival and processing times associated with the worst-case (highest) peak-hour volumes entering the gate were evaluated to determine if potential queues at the guard shack have the potential to spill back onto Baseline Road. Of the worst-case peak-hour volume entering the gate (115 vehicles), a conservative estimate results in approximately 50-percent (or 58 vehicles) of vehicles arriving within a peak 30-minute period. Of these 58 vehicles arriving within a peak 30-minute period, approximately 80-percent are assumed to access an 'express' lane reserved for residents/employees, while 20-percent will access a visitor/guest lane. The 'express' lane will be accessed by an automated gate, resulting in an approximate wait time of 30-seconds per vehicle. The visitor/guest lane will require check in with the guard, resulting in an average conservative wait time of 1 ½ minutes. Actual wait times are expected to be less than the estimated wait times used to calculate the required storage in most instances. **Table 6** presents the estimated arrival times and resulting anticipated queue lengths at the proposed guard shack.

**Table 6 – Guard Shack Arrival and Processing Times**

| Vehicles Entering Gate |            | Average Processing Time | Total Number of Cars Processed by Gate* | Max Queue | Required Storage per Lane** |
|------------------------|------------|-------------------------|-----------------------------------------|-----------|-----------------------------|
| Express Lane           | Approx. 46 | 30 seconds              | 60                                      | 1 vehicle | 25 ft                       |
| Visitor/Guest Lane     | Approx. 12 | 1.5 minutes             | 20                                      | 1 vehicle | 25 ft                       |

\*Within a 30-minute peak-period

\*\* Assumes 25-foot vehicles

As shown in **Table 6**, the maximum queue anticipated at the guard shack is 1-vehicle in both the resident/employee 'express' lane and visitor/guest lane. These values equate to approximately 25-feet of

required storage. Based on this evaluation, it is recommended that dual-entry lanes be provided at the gate, with an 'express' lane with no less than 25-feet of storage, and a visitor/guest lane with no less than 25-feet of storage.

## Right-Turn Deceleration Lane

According to the City's guidelines<sup>3</sup>, a right-turn deceleration lane is required when all four of the following conditions are satisfied:

- A. The driveway is located on an arterial or expressway,
- B. Right turn ingress volume is expected to exceed fifty (50) during peak hour flows on the roadway. For right turn ingress volumes between ten (10) and fifty (50) a right turn curb taper shall be constructed in conformance with the Standard Drawings,
- C. There is ample room and frontage to fit a deceleration lane as determined by the City Engineer, and
- D. The travel speed of the roadway, as determined by the City Engineer, equals or exceeds 45 mph.

The requirements and the conditions at the access points along Baseline Road and Santucci Boulevard are summarized in **Table 7** below. Based on these guidelines, the access on Baseline Road satisfies the requirements for consideration of a right-turn deceleration lane. The Park & Ride driveway along Santucci Boulevard does not satisfy the requirements for consideration of a right-turn deceleration lane. However, in the interest of safety, and consistent with the provisions of the guidelines, a right-turn deceleration lane is recommended at that driveway.

**Table 7 – Right-Turn Deceleration Lane**

| Access Driveway Location | Time Period | Located on Arterial or Expressway? | Right Turn Volume | Right Turn Volume over 50? | Ample Room and Frontage? | Posted Speed Limit (MPH) | Travel Speed ≥ 45 mph? | Deceleration Lane Appropriate? |
|--------------------------|-------------|------------------------------------|-------------------|----------------------------|--------------------------|--------------------------|------------------------|--------------------------------|
| Baseline Road            | AM          | Yes                                | 72                | Yes                        | Yes                      | 55                       | Yes                    | Yes                            |
|                          | PM          | Yes                                | 56                | Yes                        | Yes                      | 55                       | Yes                    | Yes                            |
| Santucci Boulevard       | AM          | Yes                                | 37                | No                         | Yes                      | 45                       | Yes                    | No                             |
|                          | PM          | Yes                                | 17                | No                         | Yes                      | 45                       | Yes                    | No                             |

## Conclusions

The following are the primary conclusions based on the analyses discussed herein:

- City of Roseville LOS standards are achieved at all study intersections.
- Signal timing improvements and striping modifications are at the Baseline Road intersection with Watt Avenue/Santucci Boulevard (Intersection #1) to reduce the 95<sup>th</sup> percentile queue for the westbound left-turn during the PM peak-hour.
- City of Roseville MRTD standards are provided at all evaluated site driveways.
- It is recommended that dual-entry lanes be provided at the Baseline Road main entry gate, with an 'express' lane with no less than 25-feet of storage, and a visitor/guest lane with no less than 25-feet of storage.
- It is recommended that Right-Turn deceleration lanes are constructed at the primary project driveway on Baseline Road and at the Park & Ride driveway on Santucci Boulevard

<sup>3</sup> Section 5 Traffic Impact Studies, City of Roseville Design Standards, January 2016.



## Attachments

**Exhibit 1** – Project Site Plan

**Exhibit 2** – Project Site Vicinity Map

**Exhibit 3** – Study Facilities, Traffic Control, and Lane Geometry

**Exhibit 4** – Project Trip Distribution

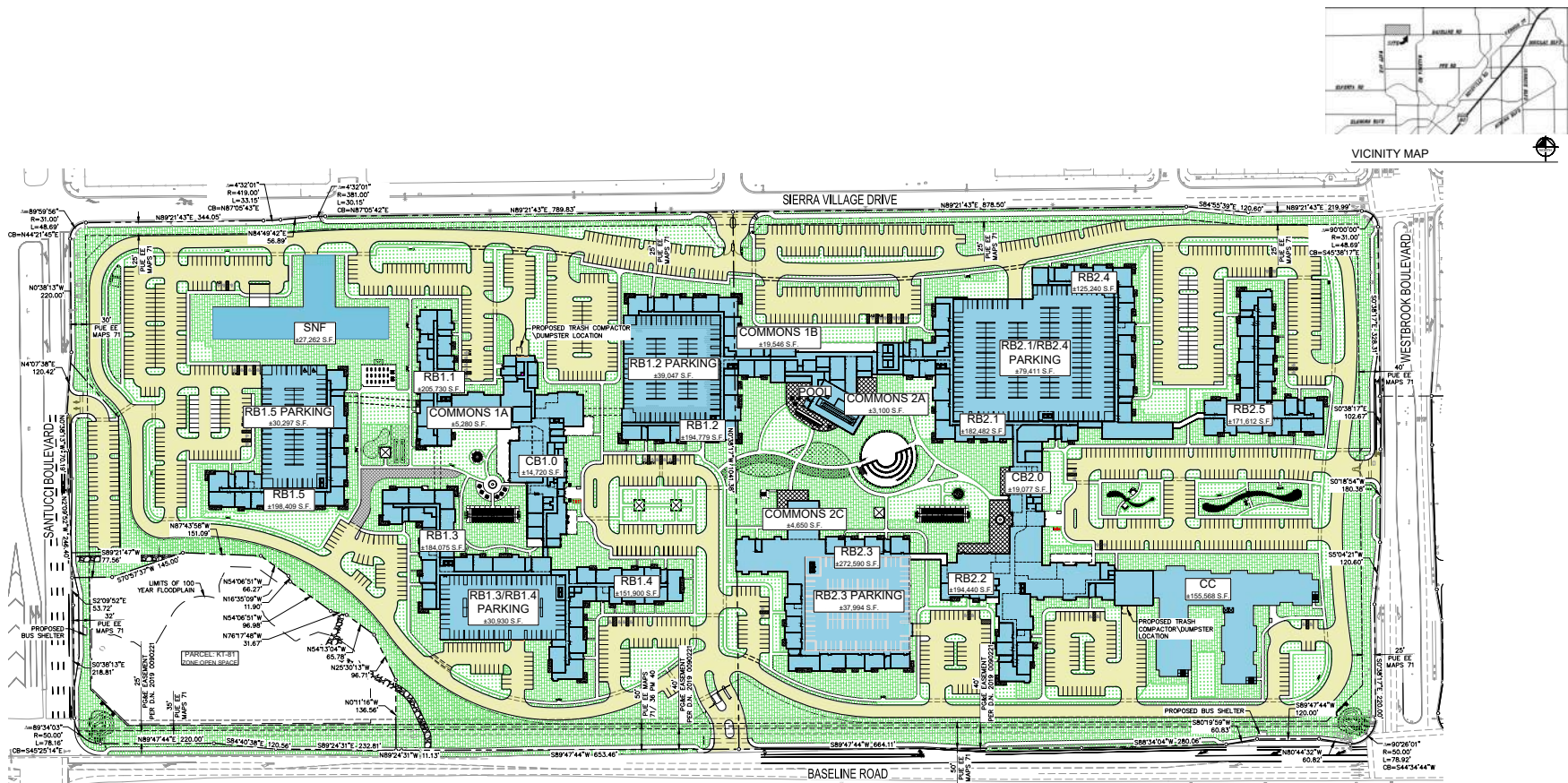
**Exhibit 5** – Project Trip Assignment

**Exhibit 6** – Existing plus Project Peak-Hour Traffic Volumes

**Attachment A** – Traffic Count Data Sheets

**Attachment B** – Analysis Worksheets for Existing plus Project Conditions





LEGEND

- ASPHALT PAVEMENT
- LANDSCAPE AREA
- CONCRETE SIDEWALK
- BUILDING AREA
- AMENDED SOILS AREA

PROJECT SUMMARY

**AREA**  
AREA: 55.56 ACRES  
APN: 499-010-014-000 (LOT 1) (25.88 AC)  
APN: 499-010-015-000 (LOT 2) (29.68 AC)

**SPECIFIC PLAN**  
SIERRA VISTA SPECIFIC PLAN  
PARCELS K7-41A AND K7-41B

**LAND USE DESIGNATION**  
COMMUNITY COMMERCIAL (CC)

**ZONING**  
GENERAL COMMERCIAL (GC)

**PROPOSED USES**  
COMMUNITY CARE FACILITY,  
LONG-TERM CARE FACILITY,  
AND MEDICAL SERVICES

| BUILDING SUMMARY |         |             |         |
|------------------|---------|-------------|---------|
| BUILDING         | STORIES | SQUARE FEET | PARKING |
| RB 1.1           | 5       | 205,785     |         |
| CB 1.0           | 1       | 14,700      |         |
| COMMONS 1A       | 1       | 5,280       |         |
| RB 1.2           | 5       | 214,779     |         |
| COMMONS 1B       | 1       | 15,545      |         |
| RB 1.3           | 6       | 184,075     |         |
| RB 1.4           | 6       | 171,900     |         |
| RB 1.5           | 6       | 218,439     |         |
| SNF              | 3       | 17,253      | 1822    |
| RB 2.1           | 5       | 162,426     |         |
| CB 2.0           | 1       | 15,077      |         |
| COMMONS 2A       | 1       | 3,390       |         |
| RB 2.2           | 6       | 254,440     |         |
| RB 2.3           | 6       | 272,590     |         |
| COMMONS 2C       | 1       | 4,650       |         |
| RB 2.4           | 5       | 125,340     |         |
| RB 2.5           | 6       | 171,612     |         |
| CC               | 4       | 155,568     |         |
| PARK & RIDE      |         | 50          |         |
| SITE TOTALS:     |         | 2,130,400   | 1872    |

| DEVELOPMENT SUMMARY            |                                  |      |  |
|--------------------------------|----------------------------------|------|--|
| APN:                           | 499-010-014-000, 499-010-015-000 |      |  |
| SITE AREA:                     | 495.56 ACRES (25.88, 29.68)      |      |  |
| EXISTING                       |                                  |      |  |
| PERVIOUS AREA:                 | 55.56 AC                         | 100% |  |
| IMPERVIOUS SURFACE (PAVEMENTS) | 0 AC                             | 0%   |  |
| IMPERVIOUS SURFACE (BUILDINGS) | 0 AC                             | 0%   |  |
| TOTAL AREA:                    | 55.56 AC                         | 100% |  |
| PROPOSED                       |                                  |      |  |
| PERVIOUS AREA (LANDSCAPE)      | 21.39 AC                         | 38%  |  |
| IMPERVIOUS SURFACE (PAVEMENTS) | 20.21 AC                         | 36%  |  |
| IMPERVIOUS SURFACE (BUILDINGS) | 13.97 AC                         | 25%  |  |
| TOTAL AREA:                    | 55.56 AC                         | 100% |  |

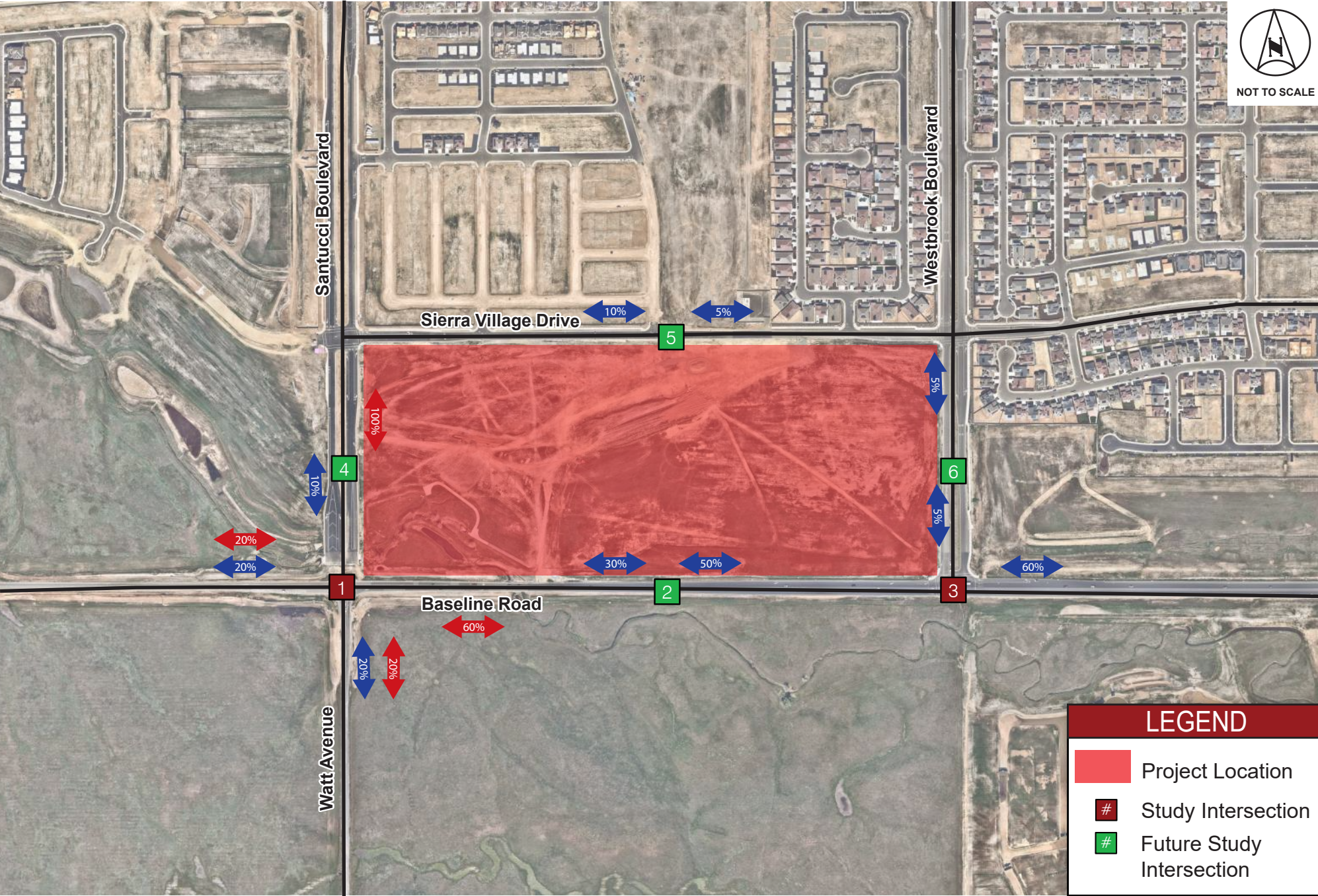
6000 BASELINE ROAD  
ERICKSON SENIOR LIVING ROSEVILLE  
MPP STAGE 1: SITE PLAN



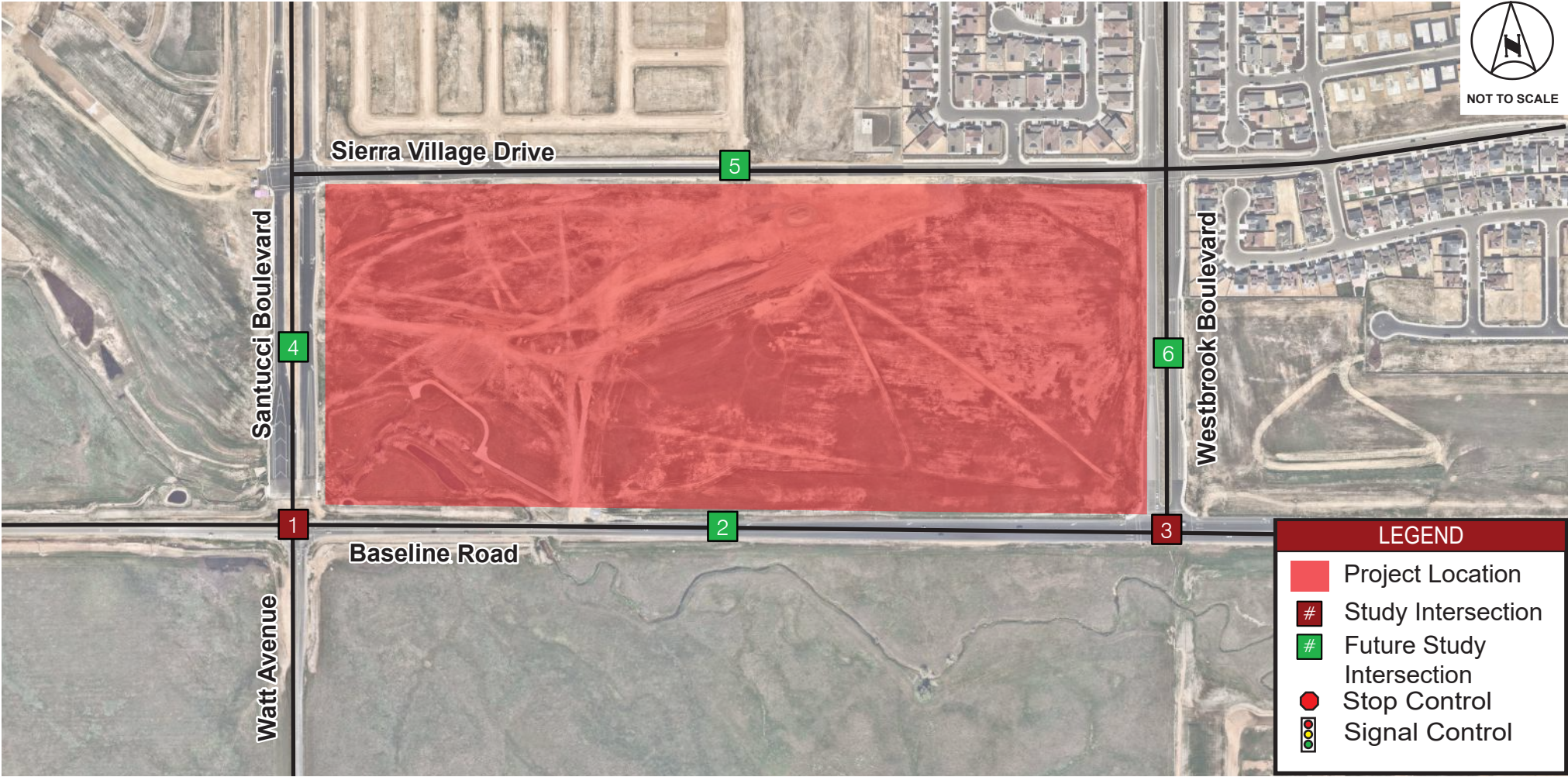
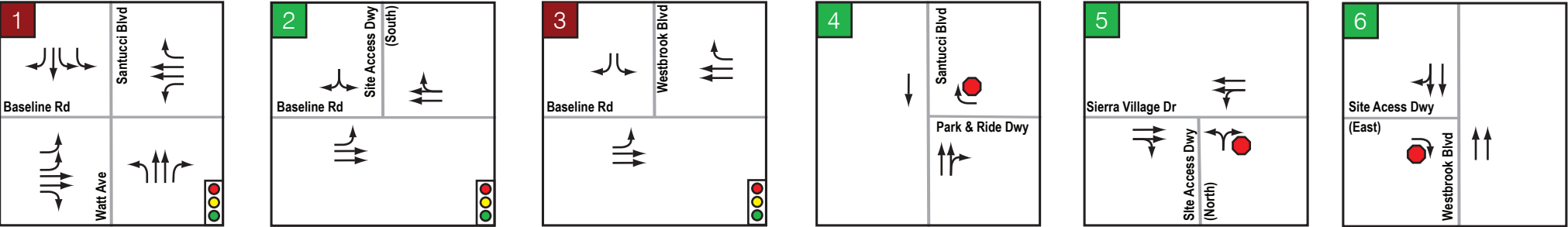
February 10, 2023



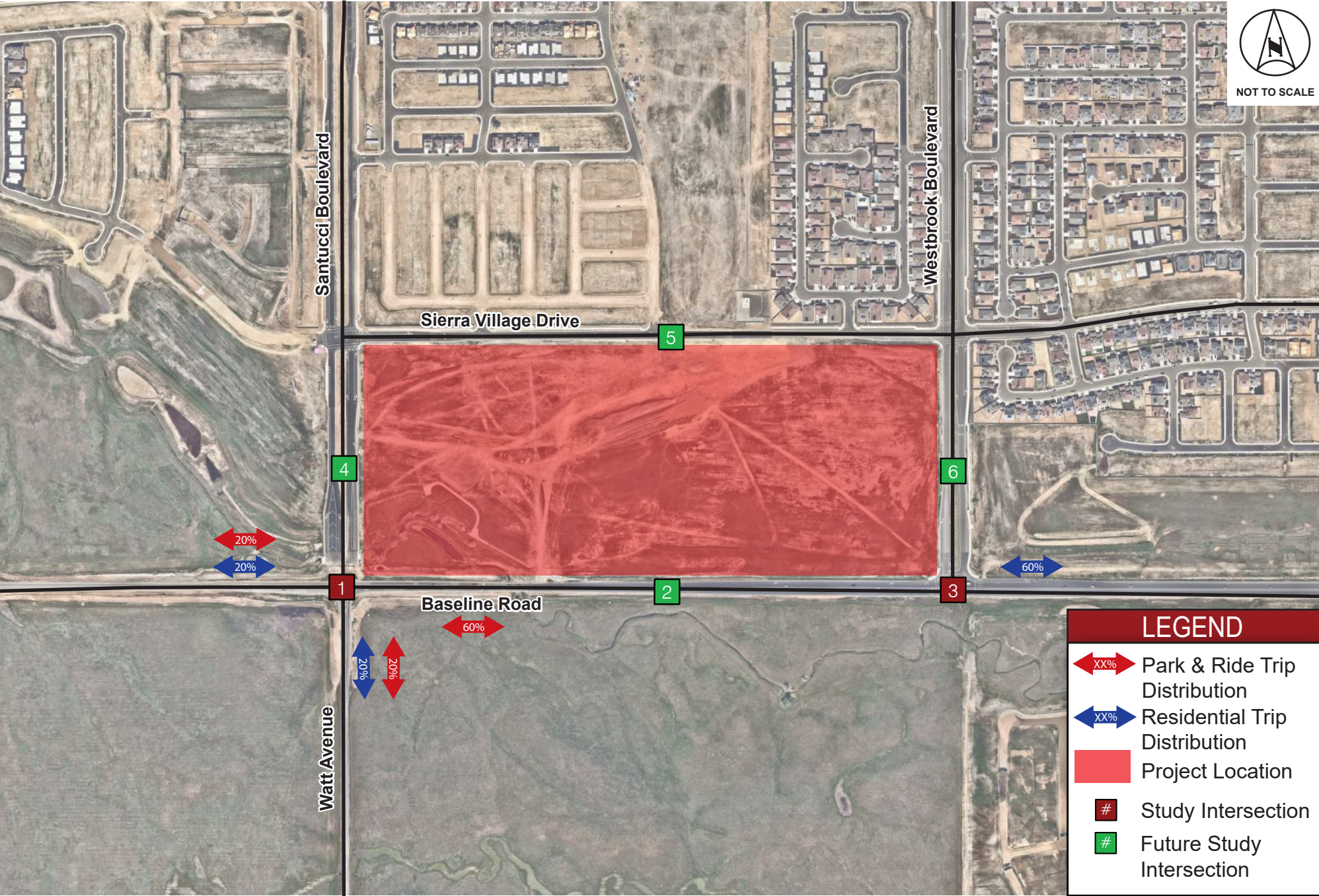




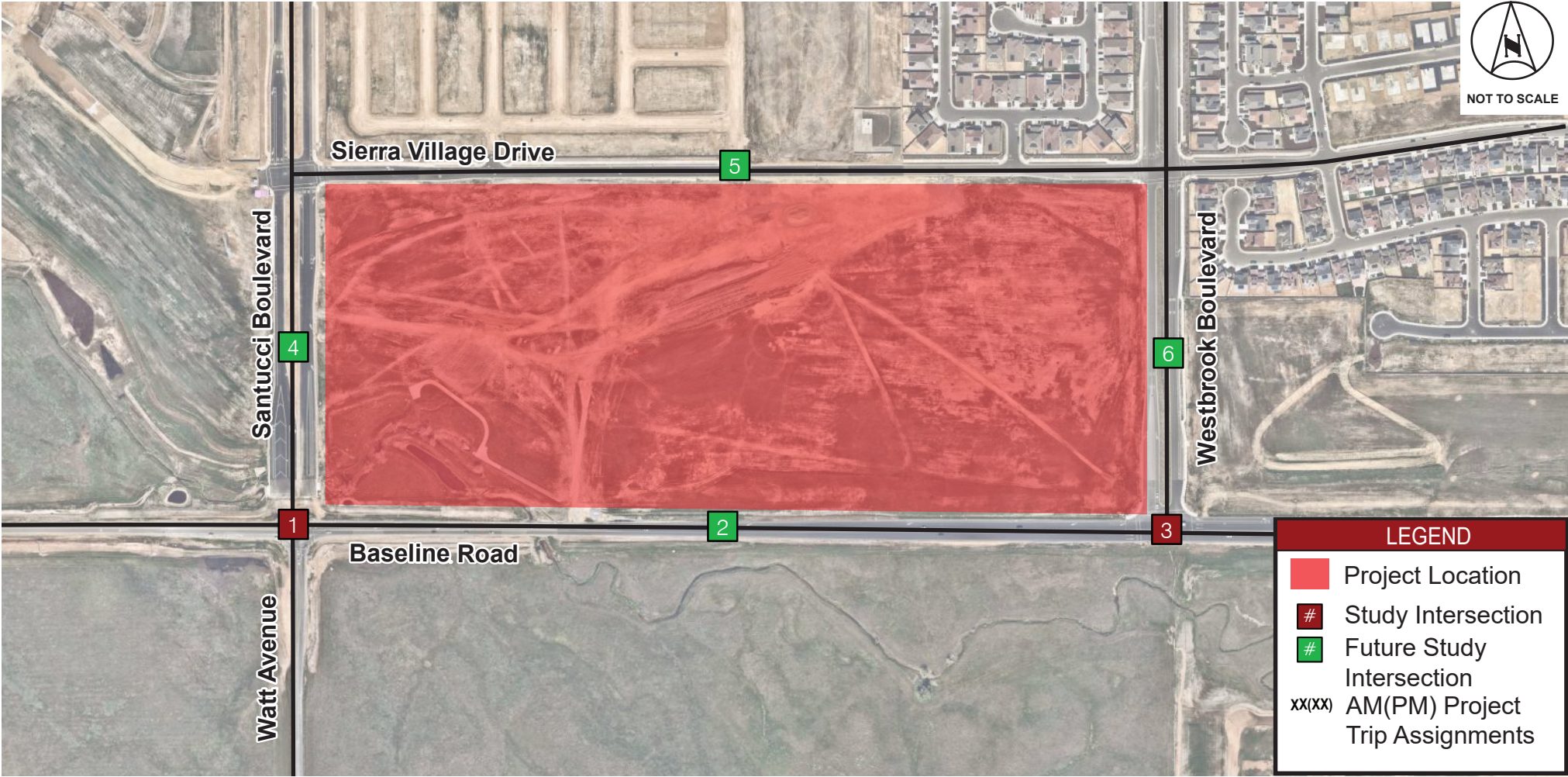
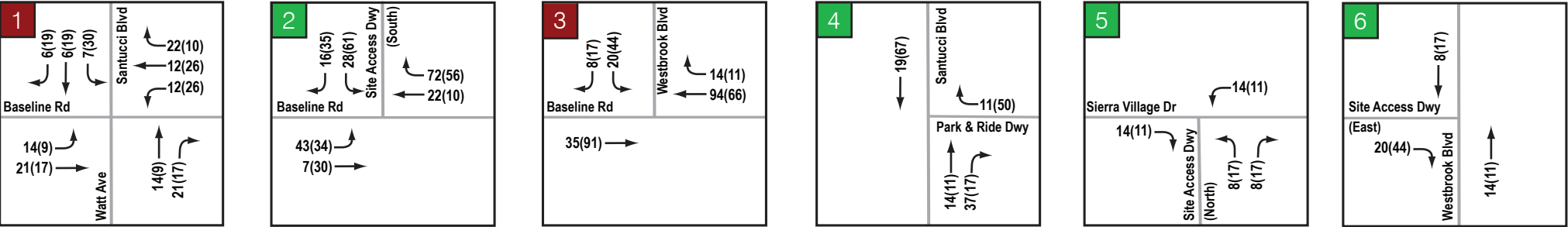




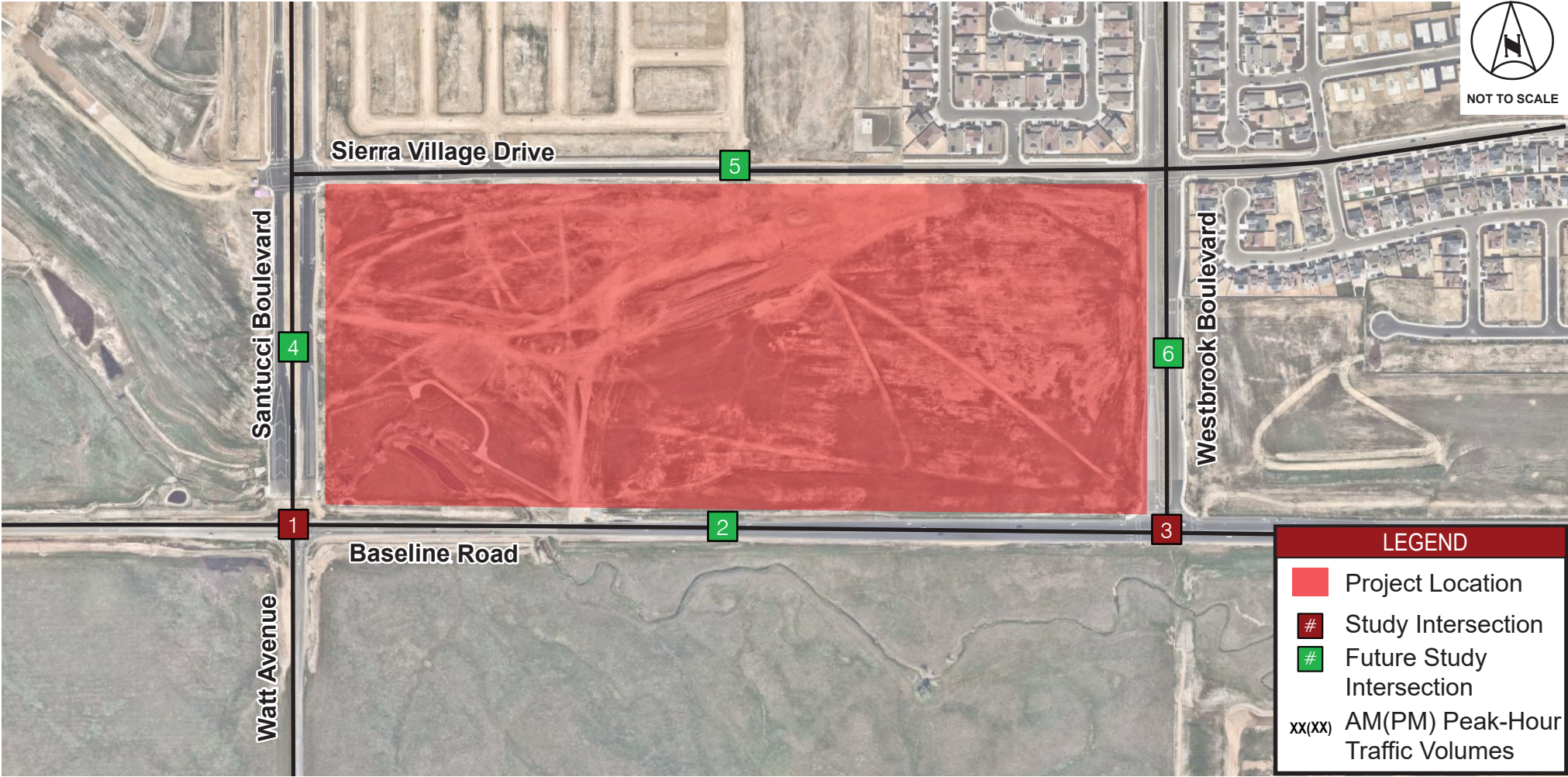
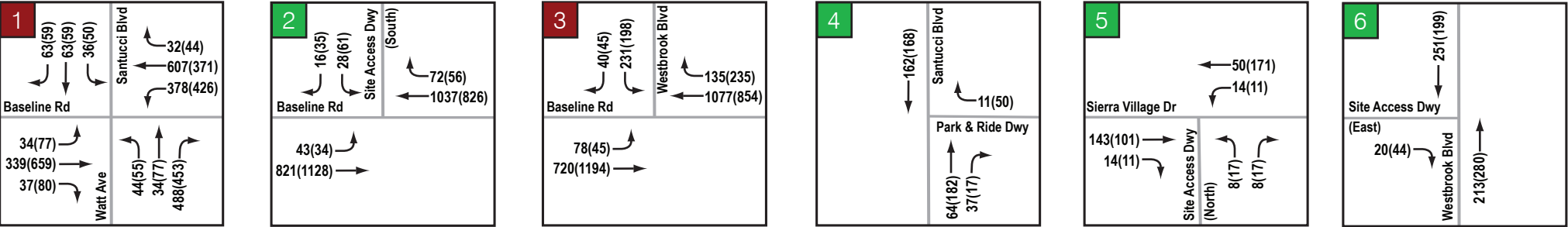












# Attachment 2



## Attachment A

Traffic Count Data Sheets

# Attachment 2

## National Data & Surveying Services Intersection Turning Movement Count

Location: Watt Ave & Baseline Rd  
City: Roseville  
Control: Signalized

Project ID: 22-070037-001  
Date: 3/1/2022

### Data - Totals

| NS/EW Streets:   |         | Watt Ave            |         |         |         | Watt Ave   |         |         |         | Baseline Rd |         |         |         | Baseline Rd |         |         |         |       |
|------------------|---------|---------------------|---------|---------|---------|------------|---------|---------|---------|-------------|---------|---------|---------|-------------|---------|---------|---------|-------|
| AM               |         | NORTHBOUND          |         |         |         | SOUTHBOUND |         |         |         | EASTBOUND   |         |         |         | WESTBOUND   |         |         |         |       |
|                  |         | 1<br>NL             | 0<br>NT | 1<br>NR | 0<br>NU | 0<br>SL    | 0<br>ST | 0<br>SR | 0<br>SU | 0<br>EL     | 1<br>ET | 1<br>ER | 0<br>EU | 1<br>WL     | 1<br>WT | 0<br>WR | 0<br>WU |       |
|                  | 7:00 AM | 10                  |         | 119     |         |            |         |         |         |             | 113     | 8       |         | 57          | 122     |         |         | TOTAL |
|                  | 7:15 AM | 14                  |         | 113     |         |            |         |         |         |             | 82      | 7       |         | 86          | 147     |         |         | 429   |
|                  | 7:30 AM | 8                   |         | 126     |         |            |         |         |         |             | 55      | 10      |         | 104         | 176     |         |         | 449   |
|                  | 7:45 AM | 12                  |         | 109     |         |            |         |         |         |             | 68      | 12      |         | 119         | 150     |         |         | 479   |
|                  | 8:00 AM | 9                   |         | 108     |         |            |         |         |         |             | 81      | 18      |         | 101         | 119     |         |         | 470   |
|                  | 8:15 AM | 15                  |         | 93      |         |            |         |         |         |             | 65      | 10      |         | 104         | 125     |         |         | 436   |
|                  | 8:30 AM | 12                  |         | 82      |         |            |         |         |         |             | 49      | 12      |         | 85          | 116     |         |         | 412   |
|                  | 8:45 AM | 7                   |         | 81      |         |            |         |         |         |             | 72      | 14      |         | 97          | 111     |         |         | 356   |
|                  |         |                     |         |         |         |            |         |         |         |             |         |         |         |             |         |         |         | 382   |
| TOTAL VOLUMES :  |         | NL                  | NT      | NR      | NU      | SL         | ST      | SR      | SU      | EL          | ET      | ER      | EU      | WL          | WT      | WR      | WU      | TOTAL |
| APPROACH %'s :   |         | 87                  | 0       | 831     | 0       | 0          | 0       | 0       | 0       | 0           | 585     | 91      | 0       | 753         | 1066    | 0       | 0       | 3413  |
|                  |         | 9.48%               | 0.00%   | 90.52%  | 0.00%   |            |         |         |         | 0.00%       | 86.54%  | 13.46%  | 0.00%   | 41.40%      | 58.60%  | 0.00%   | 0.00%   |       |
| PEAK HR :        |         | 07:00 AM - 08:00 AM |         |         |         |            |         |         |         |             |         |         |         |             |         |         |         | TOTAL |
| PEAK HR VOL :    |         | 44                  | 0       | 467     | 0       | 0          | 0       | 0       | 0       | 0           | 318     | 37      | 0       | 366         | 595     | 0       | 0       | 1827  |
| PEAK HR FACTOR : |         | 0.786               | 0.000   | 0.927   | 0.000   | 0.000      | 0.000   | 0.000   | 0.000   | 0.000       | 0.704   | 0.771   | 0.000   | 0.769       | 0.845   | 0.000   | 0.000   | 0.954 |
|                  |         | 0.953               |         |         |         |            |         |         |         | 0.733       |         |         |         | 0.858       |         |         |         |       |

| PM               |         | NORTHBOUND          |         |         |         | SOUTHBOUND |         |         |         | EASTBOUND |         |         |         | WESTBOUND |         |         |         |       |
|------------------|---------|---------------------|---------|---------|---------|------------|---------|---------|---------|-----------|---------|---------|---------|-----------|---------|---------|---------|-------|
|                  |         | 1<br>NL             | 0<br>NT | 1<br>NR | 0<br>NU | 0<br>SL    | 0<br>ST | 0<br>SR | 0<br>SU | 0<br>EL   | 1<br>ET | 1<br>ER | 0<br>EU | 1<br>WL   | 1<br>WT | 0<br>WR | 0<br>WU | TOTAL |
|                  | 4:00 PM | 9                   |         | 127     |         |            |         |         |         |           | 128     | 30      |         | 122       | 138     |         |         | 554   |
|                  | 4:15 PM | 14                  |         | 93      |         |            |         |         |         |           | 120     | 13      |         | 90        | 90      |         |         | 420   |
|                  | 4:30 PM | 14                  |         | 108     |         |            |         |         |         |           | 157     | 22      |         | 123       | 90      |         |         | 514   |
|                  | 4:45 PM | 15                  |         | 100     |         |            |         |         |         |           | 157     | 25      |         | 93        | 73      |         |         | 463   |
|                  | 5:00 PM | 15                  |         | 104     |         |            |         |         |         |           | 176     | 18      |         | 109       | 80      |         |         | 502   |
|                  | 5:15 PM | 13                  |         | 110     |         |            |         |         |         |           | 140     | 19      |         | 90        | 85      |         |         | 457   |
|                  | 5:30 PM | 12                  |         | 122     |         |            |         |         |         |           | 169     | 18      |         | 108       | 107     |         |         | 536   |
|                  | 5:45 PM | 22                  |         | 98      |         |            |         |         |         |           | 176     | 15      |         | 99        | 59      |         |         | 469   |
| TOTAL VOLUMES :  |         | NL                  | NT      | NR      | NU      | SL         | ST      | SR      | SU      | EL        | ET      | ER      | EU      | WL        | WT      | WR      | WU      | TOTAL |
| APPROACH %'s :   |         | 114                 | 0       | 862     | 0       | 0          | 0       | 0       | 0       | 0         | 1223    | 160     | 0       | 834       | 722     | 0       | 0       | 3915  |
|                  |         | 11.68%              | 0.00%   | 86.32%  | 0.00%   |            |         |         |         | 0.00%     | 88.43%  | 11.57%  | 0.00%   | 53.60%    | 46.40%  | 0.00%   | 0.00%   |       |
| PEAK HR :        |         | 04:45 PM - 05:45 PM |         |         |         |            |         |         |         |           |         |         |         |           |         |         |         | TOTAL |
| PEAK HR VOL :    |         | 55                  | 0       | 436     | 0       | 0          | 0       | 0       | 0       | 0         | 642     | 80      | 0       | 400       | 345     | 0       | 0       | 1958  |
| PEAK HR FACTOR : |         | 0.917               | 0.000   | 0.893   | 0.000   | 0.000      | 0.000   | 0.000   | 0.000   | 0.000     | 0.912   | 0.800   | 0.000   | 0.917     | 0.806   | 0.000   | 0.000   | 0.913 |
|                  |         | 0.916               |         |         |         |            |         |         |         | 0.930     |         |         |         | 0.866     |         |         |         |       |

# Attachment 2

## National Data & Surveying Services Intersection Turning Movement Count

Location: Westbrook Blvd & Baseline Rd  
City: Roseville  
Control: Signalized

Project ID: 22-070037-001  
Date: 3/1/2022

### Data - Totals

| NS/EW Streets:   | Westbrook Blvd      |       |       |       | Westbrook Blvd |       |        |       | Baseline Rd |        |       |       | Baseline Rd |        |       |       |       |
|------------------|---------------------|-------|-------|-------|----------------|-------|--------|-------|-------------|--------|-------|-------|-------------|--------|-------|-------|-------|
| AM               | NORTHBOUND          |       |       |       | SOUTHBOUND     |       |        |       | EASTBOUND   |        |       |       | WESTBOUND   |        |       |       | TOTAL |
|                  | 0                   | 0     | 0     | 0     | 1              | 0     | 1      | 0     | 1           | 2      | 0     | 0     | 0           | 2      | 1     | 0     |       |
|                  | NL                  | NT    | NR    | NU    | SL             | ST    | SR     | SU    | EL          | ET     | ER    | EU    | WL          | WT     | WR    | WU    |       |
| 7:00 AM          | 0                   | 0     | 0     | 0     | 15             | 0     | 11     | 0     | 49          | 139    | 0     | 0     | 0           | 225    | 20    | 0     | 459   |
| 7:15 AM          | 0                   | 0     | 0     | 0     | 21             | 0     | 10     | 0     | 13          | 176    | 0     | 0     | 0           | 257    | 14    | 0     | 491   |
| 7:30 AM          | 0                   | 0     | 0     | 0     | 19             | 0     | 8      | 0     | 9           | 168    | 0     | 0     | 0           | 270    | 21    | 0     | 495   |
| 7:45 AM          | 0                   | 0     | 0     | 0     | 13             | 0     | 3      | 0     | 7           | 173    | 0     | 0     | 0           | 221    | 16    | 0     | 433   |
| 8:00 AM          | 0                   | 0     | 0     | 0     | 12             | 0     | 12     | 0     | 12          | 153    | 0     | 0     | 0           | 218    | 12    | 0     | 419   |
| 8:15 AM          | 0                   | 0     | 0     | 0     | 23             | 0     | 7      | 0     | 10          | 113    | 0     | 0     | 0           | 197    | 22    | 0     | 372   |
| 8:30 AM          | 0                   | 0     | 0     | 0     | 23             | 0     | 8      | 0     | 12          | 142    | 0     | 0     | 0           | 190    | 10    | 0     | 385   |
| 8:45 AM          | 0                   | 0     | 0     | 0     | 20             | 0     | 12     | 0     | 13          | 129    | 0     | 0     | 0           | 167    | 7     | 0     | 348   |
| TOTAL VOLUMES :  | 0                   | 0     | 0     | 0     | 146            | 0     | 71     | 0     | 125         | 1193   | 0     | 0     | 0           | 1745   | 122   | 0     | 3402  |
| APPROACH %'s :   |                     |       |       |       | 67.28%         | 0.00% | 32.72% | 0.00% | 9.48%       | 90.52% | 0.00% | 0.00% | 0.00%       | 93.47% | 6.53% | 0.00% |       |
| PEAK HR :        | 07:00 AM - 08:00 AM |       |       |       | 68             | 0     | 32     | 0     | 78          | 656    | 0     | 0     | 0           | 973    | 71    | 0     | TOTAL |
| PEAK HR VOL :    | 0                   | 0     | 0     | 0     | 0.810          | 0.000 | 0.727  | 0.000 | 0.398       | 0.932  | 0.000 | 0.000 | 0.000       | 0.901  | 0.845 | 0.000 | 1878  |
| PEAK HR FACTOR : | 0.000               | 0.000 | 0.000 | 0.000 | 0.806          |       |        |       | 0.971       |        |       |       | 0.897       |        |       |       | 0.948 |
| PM               | NORTHBOUND          |       |       |       | SOUTHBOUND     |       |        |       | EASTBOUND   |        |       |       | WESTBOUND   |        |       |       | TOTAL |
|                  | 0                   | 0     | 0     | 0     | 1              | 0     | 1      | 0     | 1           | 2      | 0     | 0     | 0           | 2      | 1     | 0     |       |
|                  | NL                  | NT    | NR    | NU    | SL             | ST    | SR     | SU    | EL          | ET     | ER    | EU    | WL          | WT     | WR    | WU    |       |
| 4:00 PM          | 0                   | 0     | 0     | 0     | 11             | 0     | 1      | 0     | 13          | 181    | 0     | 0     | 0           | 150    | 9     | 0     | 365   |
| 4:15 PM          | 0                   | 0     | 0     | 0     | 5              | 0     | 12     | 0     | 9           | 265    | 0     | 0     | 0           | 193    | 16    | 0     | 500   |
| 4:30 PM          | 0                   | 0     | 0     | 0     | 15             | 0     | 8      | 0     | 7           | 255    | 0     | 0     | 0           | 167    | 9     | 0     | 461   |
| 4:45 PM          | 0                   | 0     | 0     | 0     | 12             | 0     | 7      | 0     | 9           | 278    | 0     | 0     | 0           | 188    | 15    | 0     | 509   |
| 5:00 PM          | 0                   | 0     | 0     | 0     | 13             | 0     | 6      | 0     | 9           | 238    | 0     | 0     | 0           | 180    | 15    | 0     | 461   |
| 5:15 PM          | 0                   | 0     | 0     | 0     | 14             | 0     | 12     | 0     | 21          | 293    | 0     | 0     | 0           | 223    | 11    | 0     | 574   |
| 5:30 PM          | 0                   | 0     | 0     | 0     | 13             | 0     | 3      | 1     | 6           | 274    | 0     | 0     | 0           | 163    | 12    | 0     | 472   |
| 5:45 PM          | 0                   | 0     | 0     | 0     | 8              | 0     | 6      | 0     | 6           | 288    | 0     | 0     | 0           | 172    | 18    | 0     | 498   |
| TOTAL VOLUMES :  | 0                   | 0     | 0     | 0     | 91             | 0     | 55     | 1     | 80          | 2072   | 0     | 0     | 0           | 1436   | 105   | 0     | 3840  |
| APPROACH %'s :   |                     |       |       |       | 61.90%         | 0.00% | 37.41% | 0.68% | 3.72%       | 96.28% | 0.00% | 0.00% | 0.00%       | 93.19% | 6.81% | 0.00% |       |
| PEAK HR :        | 04:45 PM - 05:45 PM |       |       |       | 52             | 0     | 28     | 1     | 45          | 1083   | 0     | 0     | 0           | 754    | 53    | 0     | TOTAL |
| PEAK HR VOL :    | 0                   | 0     | 0     | 0     | 0.929          | 0.000 | 0.583  | 0.250 | 0.536       | 0.924  | 0.000 | 0.000 | 0.000       | 0.845  | 0.883 | 0.000 | 2016  |
| PEAK HR FACTOR : | 0.000               | 0.000 | 0.000 | 0.000 | 0.779          |       |        |       | 0.898       |        |       |       | 0.862       |        |       |       | 0.878 |

## Attachment B

Analysis Worksheets for Existing plus Project Conditions



# Attachment 2

Erickson Senior Living LTA  
1: Watt Avenue & Baseline Road

Existing PP  
Timing Plan: AM



| Lane Group              | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT  | NBR  | SBL  | SBT  | SBR  |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Lane Group Flow (vph)   | 37   | 484  | 48   | 491  | 714  | 35   | 56   | 37   | 525  | 39   | 68   | 68   |
| v/c Ratio               | 0.12 | 0.51 | 0.10 | 0.76 | 0.33 | 0.04 | 0.34 | 0.09 | 0.62 | 0.12 | 0.34 | 0.27 |
| Control Delay           | 46.9 | 32.7 | 3.0  | 35.6 | 10.8 | 1.3  | 52.6 | 43.4 | 12.2 | 46.9 | 48.6 | 8.4  |
| Queue Delay             | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Total Delay             | 46.9 | 32.7 | 3.0  | 35.6 | 10.8 | 1.3  | 52.6 | 43.4 | 12.2 | 46.9 | 48.6 | 8.4  |
| Queue Length 50th (ft)  | 10   | 127  | 0    | 258  | 123  | 0    | 32   | 10   | 103  | 11   | 38   | 0    |
| Queue Length 95th (ft)  | 31   | 163  | 4    | 345  | 159  | 8    | 75   | 30   | 219  | 32   | 95   | 28   |
| Internal Link Dist (ft) |      | 648  |      |      | 1230 |      |      | 400  |      |      | 311  |      |
| Turn Bay Length (ft)    | 250  |      | 220  | 330  |      | 235  | 200  |      | 200  | 230  |      | 230  |
| Base Capacity (vph)     | 319  | 2880 | 1303 | 1173 | 3539 | 1583 | 164  | 988  | 1249 | 319  | 520  | 506  |
| Starvation Cap Reductn  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Spillback Cap Reductn   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Storage Cap Reductn     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Reduced v/c Ratio       | 0.12 | 0.17 | 0.04 | 0.42 | 0.20 | 0.02 | 0.34 | 0.04 | 0.42 | 0.12 | 0.13 | 0.13 |

## Intersection Summary

# Attachment 2

Erickson Senior Living LTA  
1: Watt Avenue & Baseline Road

Existing PP  
Timing Plan: AM

|                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Movement                                                           | EBL                                                                               | EBT                                                                               | EBR                                                                               | WBL                                                                               | WBT                                                                               | WBR                                                                               | NBL                                                                                | NBT                                                                                 | NBR                                                                                 | SBL                                                                                 | SBT                                                                                 | SBR                                                                                 |
| Lane Configurations                                                |  |  |  |  |  |  |  |  |  |  |  |  |
| Traffic Volume (veh/h)                                             | 34                                                                                | 339                                                                               | 37                                                                                | 378                                                                               | 607                                                                               | 32                                                                                | 44                                                                                 | 34                                                                                  | 488                                                                                 | 36                                                                                  | 63                                                                                  | 63                                                                                  |
| Future Volume (veh/h)                                              | 34                                                                                | 339                                                                               | 37                                                                                | 378                                                                               | 607                                                                               | 32                                                                                | 44                                                                                 | 34                                                                                  | 488                                                                                 | 36                                                                                  | 63                                                                                  | 63                                                                                  |
| Initial Q (Qb), veh                                                | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                  | 0                                                                                   | 0                                                                                   | 0                                                                                   | 0                                                                                   | 0                                                                                   |
| Ped-Bike Adj(A_pbT)                                                | 1.00                                                                              |                                                                                   | 1.00                                                                              | 1.00                                                                              |                                                                                   | 1.00                                                                              | 1.00                                                                               |                                                                                     | 1.00                                                                                | 1.00                                                                                |                                                                                     | 1.00                                                                                |
| Parking Bus, Adj                                                   | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Work Zone On Approach                                              |                                                                                   | No                                                                                |                                                                                   |                                                                                   | No                                                                                |                                                                                   |                                                                                    | No                                                                                  |                                                                                     |                                                                                     | No                                                                                  |                                                                                     |
| Adj Sat Flow, veh/h/ln                                             | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                               | 1870                                                                                | 1870                                                                                | 1870                                                                                | 1870                                                                                | 1870                                                                                |
| Adj Flow Rate, veh/h                                               | 37                                                                                | 484                                                                               | 48                                                                                | 491                                                                               | 714                                                                               | 35                                                                                | 56                                                                                 | 37                                                                                  | 525                                                                                 | 39                                                                                  | 68                                                                                  | 68                                                                                  |
| Peak Hour Factor                                                   | 0.92                                                                              | 0.70                                                                              | 0.77                                                                              | 0.77                                                                              | 0.85                                                                              | 0.92                                                                              | 0.79                                                                               | 0.92                                                                                | 0.93                                                                                | 0.92                                                                                | 0.92                                                                                | 0.92                                                                                |
| Percent Heavy Veh, %                                               | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                  | 2                                                                                   | 2                                                                                   | 2                                                                                   | 2                                                                                   | 2                                                                                   |
| Cap, veh/h                                                         | 185                                                                               | 808                                                                               | 360                                                                               | 529                                                                               | 1672                                                                              | 746                                                                               | 119                                                                                | 787                                                                                 | 821                                                                                 | 191                                                                                 | 392                                                                                 | 333                                                                                 |
| Arrive On Green                                                    | 0.05                                                                              | 0.23                                                                              | 0.23                                                                              | 0.30                                                                              | 0.47                                                                              | 0.47                                                                              | 0.07                                                                               | 0.22                                                                                | 0.22                                                                                | 0.06                                                                                | 0.21                                                                                | 0.21                                                                                |
| Sat Flow, veh/h                                                    | 3456                                                                              | 3554                                                                              | 1585                                                                              | 1781                                                                              | 3554                                                                              | 1585                                                                              | 1781                                                                               | 3554                                                                                | 1585                                                                                | 3456                                                                                | 1870                                                                                | 1585                                                                                |
| Grp Volume(v), veh/h                                               | 37                                                                                | 484                                                                               | 48                                                                                | 491                                                                               | 714                                                                               | 35                                                                                | 56                                                                                 | 37                                                                                  | 525                                                                                 | 39                                                                                  | 68                                                                                  | 68                                                                                  |
| Grp Sat Flow(s),veh/h/ln                                           | 1728                                                                              | 1777                                                                              | 1585                                                                              | 1781                                                                              | 1777                                                                              | 1585                                                                              | 1781                                                                               | 1777                                                                                | 1585                                                                                | 1728                                                                                | 1870                                                                                | 1585                                                                                |
| Q Serve(g_s), s                                                    | 0.9                                                                               | 11.0                                                                              | 2.2                                                                               | 24.2                                                                              | 12.0                                                                              | 1.1                                                                               | 2.7                                                                                | 0.7                                                                                 | 20.0                                                                                | 1.0                                                                                 | 2.7                                                                                 | 3.2                                                                                 |
| Cycle Q Clear(g_c), s                                              | 0.9                                                                               | 11.0                                                                              | 2.2                                                                               | 24.2                                                                              | 12.0                                                                              | 1.1                                                                               | 2.7                                                                                | 0.7                                                                                 | 20.0                                                                                | 1.0                                                                                 | 2.7                                                                                 | 3.2                                                                                 |
| Prop In Lane                                                       | 1.00                                                                              |                                                                                   | 1.00                                                                              | 1.00                                                                              |                                                                                   | 1.00                                                                              | 1.00                                                                               |                                                                                     | 1.00                                                                                | 1.00                                                                                |                                                                                     | 1.00                                                                                |
| Lane Grp Cap(c), veh/h                                             | 185                                                                               | 808                                                                               | 360                                                                               | 529                                                                               | 1672                                                                              | 746                                                                               | 119                                                                                | 787                                                                                 | 821                                                                                 | 191                                                                                 | 392                                                                                 | 333                                                                                 |
| V/C Ratio(X)                                                       | 0.20                                                                              | 0.60                                                                              | 0.13                                                                              | 0.93                                                                              | 0.43                                                                              | 0.05                                                                              | 0.47                                                                               | 0.05                                                                                | 0.64                                                                                | 0.20                                                                                | 0.17                                                                                | 0.20                                                                                |
| Avail Cap(c_a), veh/h                                              | 306                                                                               | 2950                                                                              | 1316                                                                              | 1124                                                                              | 2950                                                                              | 1316                                                                              | 158                                                                                | 787                                                                                 | 821                                                                                 | 306                                                                                 | 497                                                                                 | 421                                                                                 |
| HCM Platoon Ratio                                                  | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Upstream Filter(I)                                                 | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Uniform Delay (d), s/veh                                           | 40.9                                                                              | 31.2                                                                              | 27.8                                                                              | 30.8                                                                              | 15.8                                                                              | 12.9                                                                              | 40.6                                                                               | 27.7                                                                                | 15.7                                                                                | 40.8                                                                                | 29.3                                                                                | 29.5                                                                                |
| Incr Delay (d2), s/veh                                             | 0.5                                                                               | 1.8                                                                               | 0.4                                                                               | 3.2                                                                               | 0.4                                                                               | 0.1                                                                               | 1.1                                                                                | 0.0                                                                                 | 1.3                                                                                 | 0.5                                                                                 | 0.2                                                                                 | 0.3                                                                                 |
| Initial Q Delay(d3),s/veh                                          | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                                | 0.0                                                                                 | 0.0                                                                                 | 0.0                                                                                 | 0.0                                                                                 | 0.0                                                                                 |
| %ile BackOfQ(50%),veh/ln                                           | 0.4                                                                               | 4.5                                                                               | 0.8                                                                               | 9.7                                                                               | 4.2                                                                               | 0.3                                                                               | 1.2                                                                                | 0.3                                                                                 | 6.6                                                                                 | 0.4                                                                                 | 1.2                                                                                 | 1.1                                                                                 |
| Unsig. Movement Delay, s/veh                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| LnGrp Delay(d),s/veh                                               | 41.4                                                                              | 33.0                                                                              | 28.2                                                                              | 34.1                                                                              | 16.3                                                                              | 13.0                                                                              | 41.7                                                                               | 27.7                                                                                | 17.0                                                                                | 41.3                                                                                | 29.5                                                                                | 29.8                                                                                |
| LnGrp LOS                                                          | D                                                                                 | C                                                                                 | C                                                                                 | C                                                                                 | B                                                                                 | B                                                                                 | D                                                                                  | C                                                                                   | B                                                                                   | D                                                                                   | C                                                                                   | C                                                                                   |
| Approach Vol, veh/h                                                |                                                                                   | 569                                                                               |                                                                                   |                                                                                   | 1240                                                                              |                                                                                   |                                                                                    | 618                                                                                 |                                                                                     |                                                                                     | 175                                                                                 |                                                                                     |
| Approach Delay, s/veh                                              |                                                                                   | 33.1                                                                              |                                                                                   |                                                                                   | 23.2                                                                              |                                                                                   |                                                                                    | 19.9                                                                                |                                                                                     |                                                                                     | 32.2                                                                                |                                                                                     |
| Approach LOS                                                       |                                                                                   | C                                                                                 |                                                                                   |                                                                                   | C                                                                                 |                                                                                   |                                                                                    | B                                                                                   |                                                                                     |                                                                                     | C                                                                                   |                                                                                     |
| Timer - Assigned Phs                                               | 1                                                                                 | 2                                                                                 | 3                                                                                 | 4                                                                                 | 5                                                                                 | 6                                                                                 | 7                                                                                  | 8                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Phs Duration (G+Y+Rc), s                                           | 9.0                                                                               | 24.0                                                                              | 30.8                                                                              | 26.5                                                                              | 10.0                                                                              | 23.0                                                                              | 8.8                                                                                | 48.5                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Change Period (Y+Rc), s                                            | 4.0                                                                               | 4.0                                                                               | 4.0                                                                               | 6.0                                                                               | 4.0                                                                               | 4.0                                                                               | 4.0                                                                                | 6.0                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Max Green Setting (Gmax), s                                        | 8.0                                                                               | 20.0                                                                              | 57.0                                                                              | 75.0                                                                              | 8.0                                                                               | 24.0                                                                              | 8.0                                                                                | 75.0                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Max Q Clear Time (g_c+I1), s                                       | 3.0                                                                               | 22.0                                                                              | 26.2                                                                              | 13.0                                                                              | 4.7                                                                               | 5.2                                                                               | 2.9                                                                                | 14.0                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Green Ext Time (p_c), s                                            | 0.0                                                                               | 0.0                                                                               | 0.6                                                                               | 7.5                                                                               | 0.0                                                                               | 0.4                                                                               | 0.0                                                                                | 12.0                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| <b>Intersection Summary</b>                                        |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| HCM 6th Ctrl Delay                                                 |                                                                                   |                                                                                   | 25.2                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| HCM 6th LOS                                                        |                                                                                   |                                                                                   | C                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| <b>Notes</b>                                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| User approved pedestrian interval to be less than phase max green. |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

## Erickson Senior Living LTA 2: Baseline Road & Site Access Dwy (South)

Existing PP  
Timing Plan: AM



| Lane Group              | EBL  | EBT  | WBT  | SBL  |
|-------------------------|------|------|------|------|
| Lane Group Flow (vph)   | 47   | 892  | 1205 | 47   |
| v/c Ratio               | 0.15 | 0.30 | 0.45 | 0.12 |
| Control Delay           | 16.7 | 2.6  | 8.2  | 11.7 |
| Queue Delay             | 0.0  | 0.0  | 0.0  | 0.0  |
| Total Delay             | 16.7 | 2.6  | 8.2  | 11.7 |
| Queue Length 50th (ft)  | 4    | 0    | 0    | 2    |
| Queue Length 95th (ft)  | 33   | 72   | #247 | 27   |
| Internal Link Dist (ft) |      | 1230 | 1250 | 338  |
| Turn Bay Length (ft)    | 150  |      |      |      |
| Base Capacity (vph)     | 322  | 3011 | 2679 | 1166 |
| Starvation Cap Reductn  | 0    | 0    | 0    | 0    |
| Spillback Cap Reductn   | 0    | 0    | 0    | 0    |
| Storage Cap Reductn     | 0    | 0    | 0    | 0    |
| Reduced v/c Ratio       | 0.15 | 0.30 | 0.45 | 0.04 |

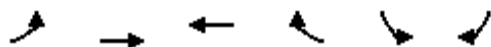
### Intersection Summary

# 95th percentile volume exceeds capacity, queue may be longer.  
Queue shown is maximum after two cycles.

# Attachment 2

## Erickson Senior Living LTA 2: Baseline Road & Site Access Dwy (South)

Existing PP  
Timing Plan: AM

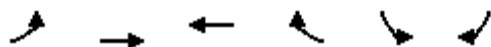


| Movement                                                             | EBL                                                                               | EBT                                                                               | WBT                                                                               | WBR  | SBL                                                                               | SBR  |      |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|------|------|
| Lane Configurations                                                  |  |  |  |      |  |      |      |
| Traffic Volume (veh/h)                                               | 43                                                                                | 821                                                                               | 1037                                                                              | 72   | 28                                                                                | 16   |      |
| Future Volume (veh/h)                                                | 43                                                                                | 821                                                                               | 1037                                                                              | 72   | 28                                                                                | 16   |      |
| Initial Q (Qb), veh                                                  | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0    | 0                                                                                 | 0    |      |
| Ped-Bike Adj(A_pbT)                                                  | 1.00                                                                              |                                                                                   |                                                                                   | 1.00 | 1.00                                                                              | 1.00 |      |
| Parking Bus, Adj                                                     | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00 | 1.00                                                                              | 1.00 |      |
| Work Zone On Approach                                                |                                                                                   | No                                                                                | No                                                                                |      | No                                                                                |      |      |
| Adj Sat Flow, veh/h/ln                                               | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870 | 1870                                                                              | 1870 |      |
| Adj Flow Rate, veh/h                                                 | 47                                                                                | 892                                                                               | 1127                                                                              | 78   | 30                                                                                | 17   |      |
| Peak Hour Factor                                                     | 0.92                                                                              | 0.92                                                                              | 0.92                                                                              | 0.92 | 0.92                                                                              | 0.92 |      |
| Percent Heavy Veh, %                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2    | 2                                                                                 | 2    |      |
| Cap, veh/h                                                           | 95                                                                                | 2339                                                                              | 1554                                                                              | 107  | 58                                                                                | 33   |      |
| Arrive On Green                                                      | 0.05                                                                              | 0.66                                                                              | 0.46                                                                              | 0.46 | 0.05                                                                              | 0.05 |      |
| Sat Flow, veh/h                                                      | 1781                                                                              | 3647                                                                              | 3466                                                                              | 233  | 1068                                                                              | 605  |      |
| Grp Volume(v), veh/h                                                 | 47                                                                                | 892                                                                               | 594                                                                               | 611  | 48                                                                                | 0    |      |
| Grp Sat Flow(s),veh/h/ln                                             | 1781                                                                              | 1777                                                                              | 1777                                                                              | 1828 | 1708                                                                              | 0    |      |
| Q Serve(g_s), s                                                      | 0.8                                                                               | 3.6                                                                               | 8.5                                                                               | 8.5  | 0.9                                                                               | 0.0  |      |
| Cycle Q Clear(g_c), s                                                | 0.8                                                                               | 3.6                                                                               | 8.5                                                                               | 8.5  | 0.9                                                                               | 0.0  |      |
| Prop In Lane                                                         | 1.00                                                                              |                                                                                   |                                                                                   | 0.13 | 0.62                                                                              | 0.35 |      |
| Lane Grp Cap(c), veh/h                                               | 95                                                                                | 2339                                                                              | 819                                                                               | 843  | 93                                                                                | 0    |      |
| V/C Ratio(X)                                                         | 0.49                                                                              | 0.38                                                                              | 0.72                                                                              | 0.73 | 0.52                                                                              | 0.00 |      |
| Avail Cap(c_a), veh/h                                                | 290                                                                               | 3132                                                                              | 1021                                                                              | 1051 | 1031                                                                              | 0    |      |
| HCM Platoon Ratio                                                    | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00 | 1.00                                                                              | 1.00 |      |
| Upstream Filter(I)                                                   | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00 | 1.00                                                                              | 0.00 |      |
| Uniform Delay (d), s/veh                                             | 14.4                                                                              | 2.4                                                                               | 6.8                                                                               | 6.8  | 14.4                                                                              | 0.0  |      |
| Incr Delay (d2), s/veh                                               | 3.9                                                                               | 0.1                                                                               | 2.0                                                                               | 1.9  | 4.4                                                                               | 0.0  |      |
| Initial Q Delay(d3),s/veh                                            | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0  | 0.0                                                                               | 0.0  |      |
| %ile BackOfQ(50%),veh/ln                                             | 0.3                                                                               | 0.0                                                                               | 1.0                                                                               | 1.1  | 0.4                                                                               | 0.0  |      |
| Unsig. Movement Delay, s/veh                                         |                                                                                   |                                                                                   |                                                                                   |      |                                                                                   |      |      |
| LnGrp Delay(d),s/veh                                                 | 18.3                                                                              | 2.5                                                                               | 8.8                                                                               | 8.8  | 18.8                                                                              | 0.0  |      |
| LnGrp LOS                                                            | B                                                                                 | A                                                                                 | A                                                                                 | A    | B                                                                                 | A    |      |
| Approach Vol, veh/h                                                  |                                                                                   | 939                                                                               | 1205                                                                              |      | 48                                                                                |      |      |
| Approach Delay, s/veh                                                |                                                                                   | 3.3                                                                               | 8.8                                                                               |      | 18.8                                                                              |      |      |
| Approach LOS                                                         |                                                                                   | A                                                                                 | A                                                                                 |      | B                                                                                 |      |      |
| Timer - Assigned Phs                                                 |                                                                                   |                                                                                   |                                                                                   | 4    | 6                                                                                 | 7    | 8    |
| Phs Duration (G+Y+Rc), s                                             |                                                                                   |                                                                                   |                                                                                   | 25.1 | 6.2                                                                               | 6.2  | 18.9 |
| Change Period (Y+Rc), s                                              |                                                                                   |                                                                                   |                                                                                   | 4.5  | 4.5                                                                               | 4.5  | 4.5  |
| Max Green Setting (Gmax), s                                          |                                                                                   |                                                                                   |                                                                                   | 27.6 | 18.9                                                                              | 5.1  | 18.0 |
| Max Q Clear Time (g_c+l1), s                                         |                                                                                   |                                                                                   |                                                                                   | 5.6  | 2.9                                                                               | 2.8  | 10.5 |
| Green Ext Time (p_c), s                                              |                                                                                   |                                                                                   |                                                                                   | 5.5  | 0.1                                                                               | 0.0  | 3.9  |
| Intersection Summary                                                 |                                                                                   |                                                                                   |                                                                                   |      |                                                                                   |      |      |
| HCM 6th Ctrl Delay                                                   |                                                                                   |                                                                                   | 6.7                                                                               |      |                                                                                   |      |      |
| HCM 6th LOS                                                          |                                                                                   |                                                                                   | A                                                                                 |      |                                                                                   |      |      |
| Notes                                                                |                                                                                   |                                                                                   |                                                                                   |      |                                                                                   |      |      |
| User approved volume balancing among the lanes for turning movement. |                                                                                   |                                                                                   |                                                                                   |      |                                                                                   |      |      |

# Attachment 2

## Erickson Senior Living LTA 3: Baseline Road & Westbrook Boulevard

Existing PP  
Timing Plan: AM



| Lane Group              | EBL  | EBT  | WBT  | WBR  | SBL  | SBR  |
|-------------------------|------|------|------|------|------|------|
| Lane Group Flow (vph)   | 111  | 774  | 1197 | 159  | 285  | 55   |
| v/c Ratio               | 0.48 | 0.33 | 0.65 | 0.18 | 0.74 | 0.14 |
| Control Delay           | 46.6 | 6.4  | 18.0 | 2.6  | 48.7 | 11.0 |
| Queue Delay             | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Total Delay             | 46.6 | 6.4  | 18.0 | 2.6  | 48.7 | 11.0 |
| Queue Length 50th (ft)  | 61   | 86   | 260  | 0    | 154  | 0    |
| Queue Length 95th (ft)  | 93   | 112  | 365  | 26   | #273 | 21   |
| Internal Link Dist (ft) |      | 1250 | 1277 |      | 320  |      |
| Turn Bay Length (ft)    | 270  |      |      | 240  | 250  | 250  |
| Base Capacity (vph)     | 436  | 3089 | 2365 | 1111 | 436  | 431  |
| Starvation Cap Reductn  | 0    | 0    | 0    | 0    | 0    | 0    |
| Spillback Cap Reductn   | 0    | 0    | 0    | 0    | 0    | 0    |
| Storage Cap Reductn     | 0    | 0    | 0    | 0    | 0    | 0    |
| Reduced v/c Ratio       | 0.25 | 0.25 | 0.51 | 0.14 | 0.65 | 0.13 |

### Intersection Summary

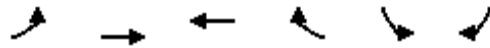
# 95th percentile volume exceeds capacity, queue may be longer.  
Queue shown is maximum after two cycles.



# Attachment 2

## Erickson Senior Living LTA 3: Baseline Road & Westbrook Boulevard

Existing PP  
Timing Plan: AM



| Movement                     | EBL                                                                               | EBT                                                                               | WBT                                                                               | WBR                                                                               | SBL                                                                               | SBR                                                                               |      |
|------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|
| Lane Configurations          |  |  |  |  |  |  |      |
| Traffic Volume (veh/h)       | 78                                                                                | 720                                                                               | 1077                                                                              | 135                                                                               | 231                                                                               | 40                                                                                |      |
| Future Volume (veh/h)        | 78                                                                                | 720                                                                               | 1077                                                                              | 135                                                                               | 231                                                                               | 40                                                                                |      |
| Initial Q (Qb), veh          | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 |      |
| Ped-Bike Adj(A_pbT)          | 1.00                                                                              |                                                                                   |                                                                                   | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              |      |
| Parking Bus, Adj             | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              |      |
| Work Zone On Approach        |                                                                                   | No                                                                                | No                                                                                |                                                                                   | No                                                                                |                                                                                   |      |
| Adj Sat Flow, veh/h/ln       | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              |      |
| Adj Flow Rate, veh/h         | 111                                                                               | 774                                                                               | 1197                                                                              | 159                                                                               | 285                                                                               | 55                                                                                |      |
| Peak Hour Factor             | 0.70                                                                              | 0.93                                                                              | 0.90                                                                              | 0.85                                                                              | 0.81                                                                              | 0.73                                                                              |      |
| Percent Heavy Veh, %         | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 |      |
| Cap, veh/h                   | 152                                                                               | 2397                                                                              | 1899                                                                              | 847                                                                               | 337                                                                               | 300                                                                               |      |
| Arrive On Green              | 0.09                                                                              | 0.67                                                                              | 0.53                                                                              | 0.53                                                                              | 0.19                                                                              | 0.19                                                                              |      |
| Sat Flow, veh/h              | 1781                                                                              | 3647                                                                              | 3647                                                                              | 1585                                                                              | 1781                                                                              | 1585                                                                              |      |
| Grp Volume(v), veh/h         | 111                                                                               | 774                                                                               | 1197                                                                              | 159                                                                               | 285                                                                               | 55                                                                                |      |
| Grp Sat Flow(s),veh/h/ln     | 1781                                                                              | 1777                                                                              | 1777                                                                              | 1585                                                                              | 1781                                                                              | 1585                                                                              |      |
| Q Serve(g_s), s              | 4.5                                                                               | 6.7                                                                               | 17.3                                                                              | 3.8                                                                               | 11.3                                                                              | 2.1                                                                               |      |
| Cycle Q Clear(g_c), s        | 4.5                                                                               | 6.7                                                                               | 17.3                                                                              | 3.8                                                                               | 11.3                                                                              | 2.1                                                                               |      |
| Prop In Lane                 | 1.00                                                                              |                                                                                   |                                                                                   | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              |      |
| Lane Grp Cap(c), veh/h       | 152                                                                               | 2397                                                                              | 1899                                                                              | 847                                                                               | 337                                                                               | 300                                                                               |      |
| V/C Ratio(X)                 | 0.73                                                                              | 0.32                                                                              | 0.63                                                                              | 0.19                                                                              | 0.85                                                                              | 0.18                                                                              |      |
| Avail Cap(c_a), veh/h        | 486                                                                               | 2664                                                                              | 2664                                                                              | 1188                                                                              | 486                                                                               | 432                                                                               |      |
| HCM Platoon Ratio            | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              |      |
| Upstream Filter(I)           | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              |      |
| Uniform Delay (d), s/veh     | 32.7                                                                              | 5.0                                                                               | 12.0                                                                              | 8.8                                                                               | 28.7                                                                              | 25.0                                                                              |      |
| Incr Delay (d2), s/veh       | 6.5                                                                               | 0.2                                                                               | 0.7                                                                               | 0.2                                                                               | 9.1                                                                               | 0.3                                                                               |      |
| Initial Q Delay(d3),s/veh    | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               |      |
| %ile BackOfQ(50%),veh/ln     | 2.0                                                                               | 1.3                                                                               | 5.1                                                                               | 1.0                                                                               | 5.2                                                                               | 2.1                                                                               |      |
| Unsig. Movement Delay, s/veh |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |
| LnGrp Delay(d),s/veh         | 39.2                                                                              | 5.1                                                                               | 12.7                                                                              | 9.1                                                                               | 37.8                                                                              | 25.3                                                                              |      |
| LnGrp LOS                    | D                                                                                 | A                                                                                 | B                                                                                 | A                                                                                 | D                                                                                 | C                                                                                 |      |
| Approach Vol, veh/h          |                                                                                   | 885                                                                               | 1356                                                                              |                                                                                   | 340                                                                               |                                                                                   |      |
| Approach Delay, s/veh        |                                                                                   | 9.4                                                                               | 12.3                                                                              |                                                                                   | 35.8                                                                              |                                                                                   |      |
| Approach LOS                 |                                                                                   | A                                                                                 | B                                                                                 |                                                                                   | D                                                                                 |                                                                                   |      |
| Timer - Assigned Phs         |                                                                                   |                                                                                   | 4                                                                                 |                                                                                   | 6                                                                                 | 7                                                                                 | 8    |
| Phs Duration (G+Y+Rc), s     |                                                                                   |                                                                                   | 55.5                                                                              |                                                                                   | 17.9                                                                              | 10.3                                                                              | 45.2 |
| Change Period (Y+Rc), s      |                                                                                   |                                                                                   | 6.0                                                                               |                                                                                   | 4.0                                                                               | 4.0                                                                               | 6.0  |
| Max Green Setting (Gmax), s  |                                                                                   |                                                                                   | 55.0                                                                              |                                                                                   | 20.0                                                                              | 20.0                                                                              | 55.0 |
| Max Q Clear Time (g_c+l1), s |                                                                                   |                                                                                   | 8.7                                                                               |                                                                                   | 13.3                                                                              | 6.5                                                                               | 19.3 |
| Green Ext Time (p_c), s      |                                                                                   |                                                                                   | 11.2                                                                              |                                                                                   | 0.6                                                                               | 0.2                                                                               | 19.9 |
| Intersection Summary         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |
| HCM 6th Ctrl Delay           |                                                                                   |                                                                                   | 14.4                                                                              |                                                                                   |                                                                                   |                                                                                   |      |
| HCM 6th LOS                  |                                                                                   |                                                                                   | B                                                                                 |                                                                                   |                                                                                   |                                                                                   |      |
| Notes                        |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |

# Attachment 2

Erickson Senior Living LTA  
4: Park & Ride Driveway & Santucci Blvd

Existing PP  
Timing Plan: AM

| Intersection             |        |                                                                                   |                                                                                   |        |      |                                                                                   |
|--------------------------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|------|-----------------------------------------------------------------------------------|
| Int Delay, s/veh         | 0.3    |                                                                                   |                                                                                   |        |      |                                                                                   |
| Movement                 | WBL    | WBR                                                                               | NBT                                                                               | NBR    | SBL  | SBT                                                                               |
| Lane Configurations      |        |  |  |        |      |  |
| Traffic Vol, veh/h       | 0      | 11                                                                                | 64                                                                                | 37     | 0    | 162                                                                               |
| Future Vol, veh/h        | 0      | 11                                                                                | 64                                                                                | 37     | 0    | 162                                                                               |
| Conflicting Peds, #/hr   | 0      | 0                                                                                 | 0                                                                                 | 0      | 0    | 0                                                                                 |
| Sign Control             | Stop   | Stop                                                                              | Free                                                                              | Free   | Free | Free                                                                              |
| RT Channelized           | -      | None                                                                              | -                                                                                 | None   | -    | None                                                                              |
| Storage Length           | -      | 0                                                                                 | -                                                                                 | -      | -    | -                                                                                 |
| Veh in Median Storage, # | 0      | -                                                                                 | 0                                                                                 | -      | -    | 0                                                                                 |
| Grade, %                 | 0      | -                                                                                 | 0                                                                                 | -      | -    | 0                                                                                 |
| Peak Hour Factor         | 92     | 92                                                                                | 92                                                                                | 92     | 92   | 92                                                                                |
| Heavy Vehicles, %        | 2      | 2                                                                                 | 2                                                                                 | 2      | 2    | 2                                                                                 |
| Mvmt Flow                | 0      | 12                                                                                | 70                                                                                | 40     | 0    | 176                                                                               |
| Major/Minor              | Minor1 | Major1                                                                            |                                                                                   | Major2 |      |                                                                                   |
| Conflicting Flow All     | -      | 55                                                                                | 0                                                                                 | 0      | -    | -                                                                                 |
| Stage 1                  | -      | -                                                                                 | -                                                                                 | -      | -    | -                                                                                 |
| Stage 2                  | -      | -                                                                                 | -                                                                                 | -      | -    | -                                                                                 |
| Critical Hdwy            | -      | 6.93                                                                              | -                                                                                 | -      | -    | -                                                                                 |
| Critical Hdwy Stg 1      | -      | -                                                                                 | -                                                                                 | -      | -    | -                                                                                 |
| Critical Hdwy Stg 2      | -      | -                                                                                 | -                                                                                 | -      | -    | -                                                                                 |
| Follow-up Hdwy           | -      | 3.319                                                                             | -                                                                                 | -      | -    | -                                                                                 |
| Pot Cap-1 Maneuver       | 0      | 1001                                                                              | -                                                                                 | -      | 0    | -                                                                                 |
| Stage 1                  | 0      | -                                                                                 | -                                                                                 | -      | 0    | -                                                                                 |
| Stage 2                  | 0      | -                                                                                 | -                                                                                 | -      | 0    | -                                                                                 |
| Platoon blocked, %       |        |                                                                                   | -                                                                                 | -      |      | -                                                                                 |
| Mov Cap-1 Maneuver       | -      | 1001                                                                              | -                                                                                 | -      | -    | -                                                                                 |
| Mov Cap-2 Maneuver       | -      | -                                                                                 | -                                                                                 | -      | -    | -                                                                                 |
| Stage 1                  | -      | -                                                                                 | -                                                                                 | -      | -    | -                                                                                 |
| Stage 2                  | -      | -                                                                                 | -                                                                                 | -      | -    | -                                                                                 |
| Approach                 | WB     | NB                                                                                |                                                                                   | SB     |      |                                                                                   |
| HCM Control Delay, s     | 8.6    | 0                                                                                 |                                                                                   | 0      |      |                                                                                   |
| HCM LOS                  | A      |                                                                                   |                                                                                   |        |      |                                                                                   |
| Minor Lane/Major Mvmt    | NBT    | NBRWBLn1                                                                          |                                                                                   | SBT    |      |                                                                                   |
| Capacity (veh/h)         | -      | - 1001                                                                            |                                                                                   | -      |      |                                                                                   |
| HCM Lane V/C Ratio       | -      | - 0.012                                                                           |                                                                                   | -      |      |                                                                                   |
| HCM Control Delay (s)    | -      | - 8.6                                                                             |                                                                                   | -      |      |                                                                                   |
| HCM Lane LOS             | -      | - A                                                                               |                                                                                   | -      |      |                                                                                   |
| HCM 95th %tile Q(veh)    | -      | - 0                                                                               |                                                                                   | -      |      |                                                                                   |

# Attachment 2

Erickson Senior Living LTA  
5: Site Access Dwy (North) & Sierra Village Drive

Existing PP  
Timing Plan: AM

| Intersection             |        |        |      |        |      |      |
|--------------------------|--------|--------|------|--------|------|------|
| Int Delay, s/veh         | 1.1    |        |      |        |      |      |
| Movement                 | EBT    | EBR    | WBL  | WBT    | NBL  | NBR  |
| Lane Configurations      | ↑↑     |        |      | ↑↑     | ↑    |      |
| Traffic Vol, veh/h       | 143    | 14     | 14   | 50     | 8    | 8    |
| Future Vol, veh/h        | 143    | 14     | 14   | 50     | 8    | 8    |
| Conflicting Peds, #/hr   | 0      | 0      | 0    | 0      | 0    | 0    |
| Sign Control             | Free   | Free   | Free | Free   | Stop | Stop |
| RT Channelized           | -      | None   | -    | None   | -    | None |
| Storage Length           | -      | -      | -    | -      | 0    | -    |
| Veh in Median Storage, # | 0      | -      | -    | 0      | 0    | -    |
| Grade, %                 | 0      | -      | -    | 0      | 0    | -    |
| Peak Hour Factor         | 92     | 92     | 92   | 92     | 92   | 92   |
| Heavy Vehicles, %        | 2      | 2      | 2    | 2      | 2    | 2    |
| Mvmt Flow                | 155    | 15     | 15   | 54     | 9    | 9    |
|                          |        |        |      |        |      |      |
| Major/Minor              | Major1 | Major2 |      | Minor1 |      |      |
| Conflicting Flow All     | 0      | 0      | 170  | 0      | 220  | 85   |
| Stage 1                  | -      | -      | -    | -      | 163  | -    |
| Stage 2                  | -      | -      | -    | -      | 57   | -    |
| Critical Hdwy            | -      | -      | 4.14 | -      | 6.84 | 6.94 |
| Critical Hdwy Stg 1      | -      | -      | -    | -      | 5.84 | -    |
| Critical Hdwy Stg 2      | -      | -      | -    | -      | 5.84 | -    |
| Follow-up Hdwy           | -      | -      | 2.22 | -      | 3.52 | 3.32 |
| Pot Cap-1 Maneuver       | -      | -      | 1405 | -      | 748  | 957  |
| Stage 1                  | -      | -      | -    | -      | 849  | -    |
| Stage 2                  | -      | -      | -    | -      | 959  | -    |
| Platoon blocked, %       | -      | -      |      | -      |      |      |
| Mov Cap-1 Maneuver       | -      | -      | 1405 | -      | 740  | 957  |
| Mov Cap-2 Maneuver       | -      | -      | -    | -      | 740  | -    |
| Stage 1                  | -      | -      | -    | -      | 849  | -    |
| Stage 2                  | -      | -      | -    | -      | 948  | -    |
|                          |        |        |      |        |      |      |
|                          |        |        |      |        |      |      |
| Approach                 | EB     | WB     |      | NB     |      |      |
| HCM Control Delay, s     | 0      | 1.7    |      | 9.4    |      |      |
| HCM LOS                  | A      |        |      |        |      |      |
|                          |        |        |      |        |      |      |
|                          |        |        |      |        |      |      |
| Minor Lane/Major Mvmt    | NBLn1  | EBT    | EBR  | WBL    | WBT  |      |
| Capacity (veh/h)         | 835    | -      | -    | 1405   | -    |      |
| HCM Lane V/C Ratio       | 0.021  | -      | -    | 0.011  | -    |      |
| HCM Control Delay (s)    | 9.4    | -      | -    | 7.6    | 0    |      |
| HCM Lane LOS             | A      | -      | -    | A      | A    |      |
| HCM 95th %tile Q(veh)    | 0.1    | -      | -    | 0      | -    |      |

# Attachment 2

Erickson Senior Living LTA  
6: Westbrook Boulevard & Site Access Dwy (East)

Existing PP  
Timing Plan: AM

| Intersection             |        |        |        |      |      |      |
|--------------------------|--------|--------|--------|------|------|------|
| Int Delay, s/veh         | 0.4    |        |        |      |      |      |
| Movement                 | EBL    | EBR    | NBL    | NBT  | SBT  | SBR  |
| Lane Configurations      |        | ↗      |        | ↑↑   | ↑↑   |      |
| Traffic Vol, veh/h       | 0      | 20     | 0      | 213  | 251  | 0    |
| Future Vol, veh/h        | 0      | 20     | 0      | 213  | 251  | 0    |
| Conflicting Peds, #/hr   | 0      | 0      | 0      | 0    | 0    | 0    |
| Sign Control             | Stop   | Stop   | Free   | Free | Free | Free |
| RT Channelized           | -      | None   | -      | None | -    | None |
| Storage Length           | -      | 0      | -      | -    | -    | -    |
| Veh in Median Storage, # | 0      | -      | -      | 0    | 0    | -    |
| Grade, %                 | 0      | -      | -      | 0    | 0    | -    |
| Peak Hour Factor         | 92     | 92     | 92     | 92   | 92   | 92   |
| Heavy Vehicles, %        | 2      | 2      | 2      | 2    | 2    | 2    |
| Mvmt Flow                | 0      | 22     | 0      | 232  | 273  | 0    |
| Major/Minor              | Minor2 | Major1 | Major2 |      |      |      |
| Conflicting Flow All     | -      | 137    | -      | 0    | -    | 0    |
| Stage 1                  | -      | -      | -      | -    | -    | -    |
| Stage 2                  | -      | -      | -      | -    | -    | -    |
| Critical Hdwy            | -      | 6.94   | -      | -    | -    | -    |
| Critical Hdwy Stg 1      | -      | -      | -      | -    | -    | -    |
| Critical Hdwy Stg 2      | -      | -      | -      | -    | -    | -    |
| Follow-up Hdwy           | -      | 3.32   | -      | -    | -    | -    |
| Pot Cap-1 Maneuver       | 0      | 886    | 0      | -    | -    | -    |
| Stage 1                  | 0      | -      | 0      | -    | -    | -    |
| Stage 2                  | 0      | -      | 0      | -    | -    | -    |
| Platoon blocked, %       |        |        |        | -    | -    | -    |
| Mov Cap-1 Maneuver       | -      | 886    | -      | -    | -    | -    |
| Mov Cap-2 Maneuver       | -      | -      | -      | -    | -    | -    |
| Stage 1                  | -      | -      | -      | -    | -    | -    |
| Stage 2                  | -      | -      | -      | -    | -    | -    |
| Approach                 | EB     | NB     | SB     |      |      |      |
| HCM Control Delay, s     | 9.2    | 0      | 0      |      |      |      |
| HCM LOS                  | A      |        |        |      |      |      |
| Minor Lane/Major Mvmt    | NBT    | EBLn1  | SBT    | SBR  |      |      |
| Capacity (veh/h)         | -      | 886    | -      | -    |      |      |
| HCM Lane V/C Ratio       | -      | 0.025  | -      | -    |      |      |
| HCM Control Delay (s)    | -      | 9.2    | -      | -    |      |      |
| HCM Lane LOS             | -      | A      | -      | -    |      |      |
| HCM 95th %tile Q(veh)    | -      | 0.1    | -      | -    |      |      |

# Attachment 2

Erickson Senior Living LTA  
1: Watt Avenue & Baseline Road

Existing PP  
Timing Plan: PM



| Lane Group              | EBL  | EBT  | EBR  | WBL  | WBT  | WBR  | NBL  | NBT  | NBR  | SBL  | SBT  | SBR  |
|-------------------------|------|------|------|------|------|------|------|------|------|------|------|------|
| Lane Group Flow (vph)   | 84   | 724  | 100  | 463  | 458  | 48   | 60   | 84   | 509  | 54   | 64   | 64   |
| v/c Ratio               | 0.32 | 0.62 | 0.17 | 0.81 | 0.22 | 0.05 | 0.44 | 0.19 | 0.61 | 0.20 | 0.36 | 0.28 |
| Control Delay           | 57.6 | 33.8 | 8.9  | 46.8 | 10.7 | 2.0  | 65.8 | 51.8 | 20.5 | 56.5 | 58.1 | 7.9  |
| Queue Delay             | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Total Delay             | 57.6 | 33.8 | 8.9  | 46.8 | 10.7 | 2.0  | 65.8 | 51.8 | 20.5 | 56.5 | 58.1 | 7.9  |
| Queue Length 50th (ft)  | 28   | 212  | 6    | 286  | 72   | 0    | 40   | 28   | 202  | 18   | 42   | 0    |
| Queue Length 95th (ft)  | 69   | 356  | 37   | 494  | 92   | 12   | #119 | 66   | 364  | 48   | 106  | 23   |
| Internal Link Dist (ft) |      | 648  |      |      | 1230 |      |      | 400  |      |      | 311  |      |
| Turn Bay Length (ft)    | 250  |      | 220  | 330  |      | 235  | 200  |      | 200  | 230  |      | 230  |
| Base Capacity (vph)     | 264  | 2557 | 1168 | 971  | 3449 | 1544 | 136  | 818  | 1155 | 264  | 430  | 435  |
| Starvation Cap Reductn  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Spillback Cap Reductn   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Storage Cap Reductn     | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |
| Reduced v/c Ratio       | 0.32 | 0.28 | 0.09 | 0.48 | 0.13 | 0.03 | 0.44 | 0.10 | 0.44 | 0.20 | 0.15 | 0.15 |

## Intersection Summary

# 95th percentile volume exceeds capacity, queue may be longer.  
Queue shown is maximum after two cycles.



# Attachment 2

Erickson Senior Living LTA  
1: Watt Avenue & Baseline Road

Existing PP  
Timing Plan: PM

|                                                                    |  |  |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Movement                                                           | EBL                                                                               | EBT                                                                               | EBR                                                                               | WBL                                                                               | WBT                                                                               | WBR                                                                               | NBL                                                                                | NBT                                                                                 | NBR                                                                                 | SBL                                                                                 | SBT                                                                                 | SBR                                                                                 |
| Lane Configurations                                                |  |  |  |  |  |  |  |  |  |  |  |  |
| Traffic Volume (veh/h)                                             | 77                                                                                | 659                                                                               | 80                                                                                | 426                                                                               | 371                                                                               | 44                                                                                | 55                                                                                 | 77                                                                                  | 453                                                                                 | 50                                                                                  | 59                                                                                  | 59                                                                                  |
| Future Volume (veh/h)                                              | 77                                                                                | 659                                                                               | 80                                                                                | 426                                                                               | 371                                                                               | 44                                                                                | 55                                                                                 | 77                                                                                  | 453                                                                                 | 50                                                                                  | 59                                                                                  | 59                                                                                  |
| Initial Q (Qb), veh                                                | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                  | 0                                                                                   | 0                                                                                   | 0                                                                                   | 0                                                                                   | 0                                                                                   |
| Ped-Bike Adj(A_pbT)                                                | 1.00                                                                              |                                                                                   | 1.00                                                                              | 1.00                                                                              |                                                                                   | 1.00                                                                              | 1.00                                                                               |                                                                                     | 1.00                                                                                | 1.00                                                                                |                                                                                     | 1.00                                                                                |
| Parking Bus, Adj                                                   | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Work Zone On Approach                                              |                                                                                   | No                                                                                |                                                                                   |                                                                                   | No                                                                                |                                                                                   |                                                                                    | No                                                                                  |                                                                                     |                                                                                     | No                                                                                  |                                                                                     |
| Adj Sat Flow, veh/h/ln                                             | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                               | 1870                                                                                | 1870                                                                                | 1870                                                                                | 1870                                                                                | 1870                                                                                |
| Adj Flow Rate, veh/h                                               | 84                                                                                | 724                                                                               | 100                                                                               | 463                                                                               | 458                                                                               | 48                                                                                | 60                                                                                 | 84                                                                                  | 509                                                                                 | 54                                                                                  | 64                                                                                  | 64                                                                                  |
| Peak Hour Factor                                                   | 0.92                                                                              | 0.91                                                                              | 0.80                                                                              | 0.92                                                                              | 0.81                                                                              | 0.92                                                                              | 0.92                                                                               | 0.92                                                                                | 0.89                                                                                | 0.92                                                                                | 0.92                                                                                | 0.92                                                                                |
| Percent Heavy Veh, %                                               | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                  | 2                                                                                   | 2                                                                                   | 2                                                                                   | 2                                                                                   | 2                                                                                   |
| Cap, veh/h                                                         | 235                                                                               | 1112                                                                              | 496                                                                               | 495                                                                               | 1857                                                                              | 828                                                                               | 110                                                                                | 655                                                                                 | 732                                                                                 | 205                                                                                 | 340                                                                                 | 288                                                                                 |
| Arrive On Green                                                    | 0.07                                                                              | 0.31                                                                              | 0.31                                                                              | 0.28                                                                              | 0.52                                                                              | 0.52                                                                              | 0.06                                                                               | 0.18                                                                                | 0.18                                                                                | 0.06                                                                                | 0.18                                                                                | 0.18                                                                                |
| Sat Flow, veh/h                                                    | 3456                                                                              | 3554                                                                              | 1585                                                                              | 1781                                                                              | 3554                                                                              | 1585                                                                              | 1781                                                                               | 3554                                                                                | 1585                                                                                | 3456                                                                                | 1870                                                                                | 1585                                                                                |
| Grp Volume(v), veh/h                                               | 84                                                                                | 724                                                                               | 100                                                                               | 463                                                                               | 458                                                                               | 48                                                                                | 60                                                                                 | 84                                                                                  | 509                                                                                 | 54                                                                                  | 64                                                                                  | 64                                                                                  |
| Grp Sat Flow(s),veh/h/ln                                           | 1728                                                                              | 1777                                                                              | 1585                                                                              | 1781                                                                              | 1777                                                                              | 1585                                                                              | 1781                                                                               | 1777                                                                                | 1585                                                                                | 1728                                                                                | 1870                                                                                | 1585                                                                                |
| Q Serve(g_s), s                                                    | 2.5                                                                               | 19.1                                                                              | 5.0                                                                               | 27.5                                                                              | 7.7                                                                               | 1.6                                                                               | 3.5                                                                                | 2.1                                                                                 | 20.0                                                                                | 1.6                                                                                 | 3.1                                                                                 | 3.7                                                                                 |
| Cycle Q Clear(g_c), s                                              | 2.5                                                                               | 19.1                                                                              | 5.0                                                                               | 27.5                                                                              | 7.7                                                                               | 1.6                                                                               | 3.5                                                                                | 2.1                                                                                 | 20.0                                                                                | 1.6                                                                                 | 3.1                                                                                 | 3.7                                                                                 |
| Prop In Lane                                                       | 1.00                                                                              |                                                                                   | 1.00                                                                              | 1.00                                                                              |                                                                                   | 1.00                                                                              | 1.00                                                                               |                                                                                     | 1.00                                                                                | 1.00                                                                                |                                                                                     | 1.00                                                                                |
| Lane Grp Cap(c), veh/h                                             | 235                                                                               | 1112                                                                              | 496                                                                               | 495                                                                               | 1857                                                                              | 828                                                                               | 110                                                                                | 655                                                                                 | 732                                                                                 | 205                                                                                 | 340                                                                                 | 288                                                                                 |
| V/C Ratio(X)                                                       | 0.36                                                                              | 0.65                                                                              | 0.20                                                                              | 0.94                                                                              | 0.25                                                                              | 0.06                                                                              | 0.55                                                                               | 0.13                                                                                | 0.70                                                                                | 0.26                                                                                | 0.19                                                                                | 0.22                                                                                |
| Avail Cap(c_a), veh/h                                              | 255                                                                               | 2457                                                                              | 1096                                                                              | 936                                                                               | 2457                                                                              | 1096                                                                              | 131                                                                                | 655                                                                                 | 732                                                                                 | 255                                                                                 | 414                                                                                 | 351                                                                                 |
| HCM Platoon Ratio                                                  | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Upstream Filter(I)                                                 | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                               | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                | 1.00                                                                                |
| Uniform Delay (d), s/veh                                           | 48.3                                                                              | 32.2                                                                              | 27.3                                                                              | 38.2                                                                              | 14.2                                                                              | 12.7                                                                              | 49.4                                                                               | 37.0                                                                                | 23.1                                                                                | 48.8                                                                                | 37.6                                                                                | 37.8                                                                                |
| Incr Delay (d2), s/veh                                             | 0.9                                                                               | 1.6                                                                               | 0.5                                                                               | 3.8                                                                               | 0.2                                                                               | 0.1                                                                               | 1.6                                                                                | 0.0                                                                                 | 2.4                                                                                 | 0.7                                                                                 | 0.3                                                                                 | 0.4                                                                                 |
| Initial Q Delay(d3),s/veh                                          | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                                | 0.0                                                                                 | 0.0                                                                                 | 0.0                                                                                 | 0.0                                                                                 | 0.0                                                                                 |
| %ile BackOfQ(50%),veh/ln                                           | 1.1                                                                               | 7.8                                                                               | 1.8                                                                               | 11.6                                                                              | 2.8                                                                               | 0.5                                                                               | 1.6                                                                                | 0.9                                                                                 | 9.6                                                                                 | 0.7                                                                                 | 1.4                                                                                 | 1.4                                                                                 |
| Unsig. Movement Delay, s/veh                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| LnGrp Delay(d),s/veh                                               | 49.2                                                                              | 33.8                                                                              | 27.8                                                                              | 42.0                                                                              | 14.4                                                                              | 12.8                                                                              | 51.0                                                                               | 37.0                                                                                | 25.5                                                                                | 49.5                                                                                | 37.9                                                                                | 38.2                                                                                |
| LnGrp LOS                                                          | D                                                                                 | C                                                                                 | C                                                                                 | D                                                                                 | B                                                                                 | B                                                                                 | D                                                                                  | D                                                                                   | C                                                                                   | D                                                                                   | D                                                                                   | D                                                                                   |
| Approach Vol, veh/h                                                |                                                                                   | 908                                                                               |                                                                                   |                                                                                   | 969                                                                               |                                                                                   |                                                                                    | 653                                                                                 |                                                                                     |                                                                                     | 182                                                                                 |                                                                                     |
| Approach Delay, s/veh                                              |                                                                                   | 34.6                                                                              |                                                                                   |                                                                                   | 27.5                                                                              |                                                                                   |                                                                                    | 29.4                                                                                |                                                                                     |                                                                                     | 41.4                                                                                |                                                                                     |
| Approach LOS                                                       |                                                                                   | C                                                                                 |                                                                                   |                                                                                   | C                                                                                 |                                                                                   |                                                                                    | C                                                                                   |                                                                                     |                                                                                     | D                                                                                   |                                                                                     |
| Timer - Assigned Phs                                               | 1                                                                                 | 2                                                                                 | 3                                                                                 | 4                                                                                 | 5                                                                                 | 6                                                                                 | 7                                                                                  | 8                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Phs Duration (G+Y+Rc), s                                           | 10.4                                                                              | 24.0                                                                              | 34.1                                                                              | 39.9                                                                              | 10.7                                                                              | 23.7                                                                              | 11.4                                                                               | 62.7                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Change Period (Y+Rc), s                                            | 4.0                                                                               | 4.0                                                                               | 4.0                                                                               | 6.0                                                                               | 4.0                                                                               | 4.0                                                                               | 4.0                                                                                | 6.0                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Max Green Setting (Gmax), s                                        | 8.0                                                                               | 20.0                                                                              | 57.0                                                                              | 75.0                                                                              | 8.0                                                                               | 24.0                                                                              | 8.0                                                                                | 75.0                                                                                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Max Q Clear Time (g_c+I1), s                                       | 3.6                                                                               | 22.0                                                                              | 29.5                                                                              | 21.1                                                                              | 5.5                                                                               | 5.7                                                                               | 4.5                                                                                | 9.7                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| Green Ext Time (p_c), s                                            | 0.0                                                                               | 0.0                                                                               | 0.6                                                                               | 12.9                                                                              | 0.0                                                                               | 0.4                                                                               | 0.1                                                                                | 7.1                                                                                 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| <b>Intersection Summary</b>                                        |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| HCM 6th Ctrl Delay                                                 |                                                                                   |                                                                                   | 31.2                                                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| HCM 6th LOS                                                        |                                                                                   |                                                                                   | C                                                                                 |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| <b>Notes</b>                                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| User approved pedestrian interval to be less than phase max green. |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |

# Attachment 2

## Erickson Senior Living LTA 2: Baseline Road & Site Access Dwy (South)

Existing PP  
Timing Plan: PM

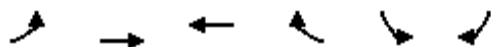


| Lane Group              | EBL  | EBT  | WBT  | SBL  |
|-------------------------|------|------|------|------|
| Lane Group Flow (vph)   | 37   | 1226 | 959  | 104  |
| v/c Ratio               | 0.10 | 0.46 | 0.41 | 0.22 |
| Control Delay           | 18.1 | 4.8  | 8.0  | 11.6 |
| Queue Delay             | 0.0  | 0.0  | 0.0  | 0.0  |
| Total Delay             | 18.1 | 4.8  | 8.0  | 11.6 |
| Queue Length 50th (ft)  | 6    | 68   | 47   | 11   |
| Queue Length 95th (ft)  | 30   | 131  | 161  | 45   |
| Internal Link Dist (ft) |      | 1230 | 1250 | 338  |
| Turn Bay Length (ft)    | 150  |      |      |      |
| Base Capacity (vph)     | 364  | 2825 | 2342 | 1155 |
| Starvation Cap Reductn  | 0    | 0    | 0    | 0    |
| Spillback Cap Reductn   | 0    | 0    | 0    | 0    |
| Storage Cap Reductn     | 0    | 0    | 0    | 0    |
| Reduced v/c Ratio       | 0.10 | 0.43 | 0.41 | 0.09 |
| Intersection Summary    |      |      |      |      |

# Attachment 2

## Erickson Senior Living LTA 2: Baseline Road & Site Access Dwy (South)

Existing PP  
Timing Plan: PM

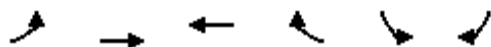


| Movement                                                             | EBL                                                                               | EBT                                                                               | WBT                                                                               | WBR  | SBL                                                                               | SBR  |      |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|------|------|
| Lane Configurations                                                  |  |  |  |      |  |      |      |
| Traffic Volume (veh/h)                                               | 34                                                                                | 1128                                                                              | 826                                                                               | 56   | 61                                                                                | 35   |      |
| Future Volume (veh/h)                                                | 34                                                                                | 1128                                                                              | 826                                                                               | 56   | 61                                                                                | 35   |      |
| Initial Q (Qb), veh                                                  | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0    | 0                                                                                 | 0    |      |
| Ped-Bike Adj(A_pbT)                                                  | 1.00                                                                              |                                                                                   |                                                                                   | 1.00 | 1.00                                                                              | 1.00 |      |
| Parking Bus, Adj                                                     | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00 | 1.00                                                                              | 1.00 |      |
| Work Zone On Approach                                                |                                                                                   | No                                                                                | No                                                                                |      | No                                                                                |      |      |
| Adj Sat Flow, veh/h/ln                                               | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870 | 1870                                                                              | 1870 |      |
| Adj Flow Rate, veh/h                                                 | 37                                                                                | 1226                                                                              | 898                                                                               | 61   | 66                                                                                | 38   |      |
| Peak Hour Factor                                                     | 0.92                                                                              | 0.92                                                                              | 0.92                                                                              | 0.92 | 0.92                                                                              | 0.92 |      |
| Percent Heavy Veh, %                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2    | 2                                                                                 | 2    |      |
| Cap, veh/h                                                           | 79                                                                                | 2134                                                                              | 1368                                                                              | 93   | 104                                                                               | 60   |      |
| Arrive On Green                                                      | 0.04                                                                              | 0.60                                                                              | 0.41                                                                              | 0.41 | 0.10                                                                              | 0.10 |      |
| Sat Flow, veh/h                                                      | 1781                                                                              | 3647                                                                              | 3470                                                                              | 229  | 1072                                                                              | 617  |      |
| Grp Volume(v), veh/h                                                 | 37                                                                                | 1226                                                                              | 473                                                                               | 486  | 105                                                                               | 0    |      |
| Grp Sat Flow(s),veh/h/ln                                             | 1781                                                                              | 1777                                                                              | 1777                                                                              | 1829 | 1706                                                                              | 0    |      |
| Q Serve(g_s), s                                                      | 0.6                                                                               | 6.3                                                                               | 6.4                                                                               | 6.4  | 1.8                                                                               | 0.0  |      |
| Cycle Q Clear(g_c), s                                                | 0.6                                                                               | 6.3                                                                               | 6.4                                                                               | 6.4  | 1.8                                                                               | 0.0  |      |
| Prop In Lane                                                         | 1.00                                                                              |                                                                                   |                                                                                   | 0.13 | 0.63                                                                              | 0.36 |      |
| Lane Grp Cap(c), veh/h                                               | 79                                                                                | 2134                                                                              | 720                                                                               | 741  | 166                                                                               | 0    |      |
| V/C Ratio(X)                                                         | 0.47                                                                              | 0.57                                                                              | 0.66                                                                              | 0.66 | 0.63                                                                              | 0.00 |      |
| Avail Cap(c_a), veh/h                                                | 305                                                                               | 3293                                                                              | 1074                                                                              | 1105 | 1054                                                                              | 0    |      |
| HCM Platoon Ratio                                                    | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00 | 1.00                                                                              | 1.00 |      |
| Upstream Filter(I)                                                   | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00 | 1.00                                                                              | 0.00 |      |
| Uniform Delay (d), s/veh                                             | 13.9                                                                              | 3.6                                                                               | 7.2                                                                               | 7.2  | 12.9                                                                              | 0.0  |      |
| Incr Delay (d2), s/veh                                               | 4.3                                                                               | 0.2                                                                               | 1.0                                                                               | 1.0  | 3.9                                                                               | 0.0  |      |
| Initial Q Delay(d3),s/veh                                            | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0  | 0.0                                                                               | 0.0  |      |
| %ile BackOfQ(50%),veh/ln                                             | 0.2                                                                               | 0.1                                                                               | 0.8                                                                               | 0.8  | 0.7                                                                               | 0.0  |      |
| Unsig. Movement Delay, s/veh                                         |                                                                                   |                                                                                   |                                                                                   |      |                                                                                   |      |      |
| LnGrp Delay(d),s/veh                                                 | 18.2                                                                              | 3.9                                                                               | 8.2                                                                               | 8.2  | 16.8                                                                              | 0.0  |      |
| LnGrp LOS                                                            | B                                                                                 | A                                                                                 | A                                                                                 | A    | B                                                                                 | A    |      |
| Approach Vol, veh/h                                                  |                                                                                   | 1263                                                                              | 959                                                                               |      | 105                                                                               |      |      |
| Approach Delay, s/veh                                                |                                                                                   | 4.3                                                                               | 8.2                                                                               |      | 16.8                                                                              |      |      |
| Approach LOS                                                         |                                                                                   | A                                                                                 | A                                                                                 |      | B                                                                                 |      |      |
| Timer - Assigned Phs                                                 |                                                                                   |                                                                                   |                                                                                   | 4    | 6                                                                                 | 7    | 8    |
| Phs Duration (G+Y+Rc), s                                             |                                                                                   |                                                                                   |                                                                                   | 22.4 | 7.4                                                                               | 5.8  | 16.6 |
| Change Period (Y+Rc), s                                              |                                                                                   |                                                                                   |                                                                                   | 4.5  | 4.5                                                                               | 4.5  | 4.5  |
| Max Green Setting (Gmax), s                                          |                                                                                   |                                                                                   |                                                                                   | 27.6 | 18.4                                                                              | 5.1  | 18.0 |
| Max Q Clear Time (g_c+I1), s                                         |                                                                                   |                                                                                   |                                                                                   | 8.3  | 3.8                                                                               | 2.6  | 8.4  |
| Green Ext Time (p_c), s                                              |                                                                                   |                                                                                   |                                                                                   | 7.7  | 0.2                                                                               | 0.0  | 3.6  |
| Intersection Summary                                                 |                                                                                   |                                                                                   |                                                                                   |      |                                                                                   |      |      |
| HCM 6th Ctrl Delay                                                   |                                                                                   |                                                                                   | 6.5                                                                               |      |                                                                                   |      |      |
| HCM 6th LOS                                                          |                                                                                   |                                                                                   | A                                                                                 |      |                                                                                   |      |      |
| Notes                                                                |                                                                                   |                                                                                   |                                                                                   |      |                                                                                   |      |      |
| User approved volume balancing among the lanes for turning movement. |                                                                                   |                                                                                   |                                                                                   |      |                                                                                   |      |      |

# Attachment 2

## Erickson Senior Living LTA 3: Baseline Road & Westbrook Boulevard

Existing PP  
Timing Plan: PM

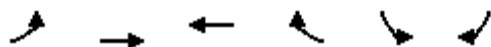


| Lane Group              | EBL  | EBT  | WBT  | WBR  | SBL  | SBR  |
|-------------------------|------|------|------|------|------|------|
| Lane Group Flow (vph)   | 64   | 1298 | 1005 | 267  | 213  | 64   |
| v/c Ratio               | 0.30 | 0.55 | 0.53 | 0.28 | 0.62 | 0.18 |
| Control Delay           | 39.7 | 7.7  | 13.9 | 2.3  | 39.2 | 10.1 |
| Queue Delay             | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  | 0.0  |
| Total Delay             | 39.7 | 7.7  | 13.9 | 2.3  | 39.2 | 10.1 |
| Queue Length 50th (ft)  | 27   | 140  | 159  | 0    | 89   | 0    |
| Queue Length 95th (ft)  | 61   | 225  | 241  | 33   | 204  | 19   |
| Internal Link Dist (ft) |      | 1250 | 1277 |      | 320  |      |
| Turn Bay Length (ft)    | 270  |      |      | 240  | 250  | 250  |
| Base Capacity (vph)     | 500  | 3320 | 2689 | 1267 | 500  | 493  |
| Starvation Cap Reductn  | 0    | 0    | 0    | 0    | 0    | 0    |
| Spillback Cap Reductn   | 0    | 0    | 0    | 0    | 0    | 0    |
| Storage Cap Reductn     | 0    | 0    | 0    | 0    | 0    | 0    |
| Reduced v/c Ratio       | 0.13 | 0.39 | 0.37 | 0.21 | 0.43 | 0.13 |
| Intersection Summary    |      |      |      |      |      |      |

# Attachment 2

## Erickson Senior Living LTA 3: Baseline Road & Westbrook Boulevard

Existing PP  
Timing Plan: PM



| Movement                     | EBL                                                                               | EBT                                                                               | WBT                                                                               | WBR                                                                               | SBL                                                                               | SBR                                                                               |      |
|------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|
| Lane Configurations          |  |  |  |  |  |  |      |
| Traffic Volume (veh/h)       | 45                                                                                | 1194                                                                              | 854                                                                               | 235                                                                               | 198                                                                               | 45                                                                                |      |
| Future Volume (veh/h)        | 45                                                                                | 1194                                                                              | 854                                                                               | 235                                                                               | 198                                                                               | 45                                                                                |      |
| Initial Q (Qb), veh          | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 | 0                                                                                 |      |
| Ped-Bike Adj(A_pbT)          | 1.00                                                                              |                                                                                   |                                                                                   | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              |      |
| Parking Bus, Adj             | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              |      |
| Work Zone On Approach        |                                                                                   | No                                                                                | No                                                                                |                                                                                   | No                                                                                |                                                                                   |      |
| Adj Sat Flow, veh/h/ln       | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              | 1870                                                                              |      |
| Adj Flow Rate, veh/h         | 64                                                                                | 1298                                                                              | 1005                                                                              | 267                                                                               | 213                                                                               | 64                                                                                |      |
| Peak Hour Factor             | 0.70                                                                              | 0.92                                                                              | 0.85                                                                              | 0.88                                                                              | 0.93                                                                              | 0.70                                                                              |      |
| Percent Heavy Veh, %         | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 | 2                                                                                 |      |
| Cap, veh/h                   | 136                                                                               | 2406                                                                              | 1897                                                                              | 846                                                                               | 278                                                                               | 248                                                                               |      |
| Arrive On Green              | 0.08                                                                              | 0.68                                                                              | 0.53                                                                              | 0.53                                                                              | 0.16                                                                              | 0.16                                                                              |      |
| Sat Flow, veh/h              | 1781                                                                              | 3647                                                                              | 3647                                                                              | 1585                                                                              | 1781                                                                              | 1585                                                                              |      |
| Grp Volume(v), veh/h         | 64                                                                                | 1298                                                                              | 1005                                                                              | 267                                                                               | 213                                                                               | 64                                                                                |      |
| Grp Sat Flow(s),veh/h/ln     | 1781                                                                              | 1777                                                                              | 1777                                                                              | 1585                                                                              | 1781                                                                              | 1585                                                                              |      |
| Q Serve(g_s), s              | 2.1                                                                               | 11.1                                                                              | 11.0                                                                              | 5.7                                                                               | 6.9                                                                               | 2.1                                                                               |      |
| Cycle Q Clear(g_c), s        | 2.1                                                                               | 11.1                                                                              | 11.0                                                                              | 5.7                                                                               | 6.9                                                                               | 2.1                                                                               |      |
| Prop In Lane                 | 1.00                                                                              |                                                                                   |                                                                                   | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              |      |
| Lane Grp Cap(c), veh/h       | 136                                                                               | 2406                                                                              | 1897                                                                              | 846                                                                               | 278                                                                               | 248                                                                               |      |
| V/C Ratio(X)                 | 0.47                                                                              | 0.54                                                                              | 0.53                                                                              | 0.32                                                                              | 0.77                                                                              | 0.26                                                                              |      |
| Avail Cap(c_a), veh/h        | 594                                                                               | 3259                                                                              | 3259                                                                              | 1454                                                                              | 594                                                                               | 529                                                                               |      |
| HCM Platoon Ratio            | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              |      |
| Upstream Filter(I)           | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              | 1.00                                                                              |      |
| Uniform Delay (d), s/veh     | 26.5                                                                              | 4.9                                                                               | 9.1                                                                               | 7.8                                                                               | 24.3                                                                              | 22.2                                                                              |      |
| Incr Delay (d2), s/veh       | 2.5                                                                               | 0.4                                                                               | 0.5                                                                               | 0.5                                                                               | 4.4                                                                               | 0.5                                                                               |      |
| Initial Q Delay(d3),s/veh    | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               | 0.0                                                                               |      |
| %ile BackOfQ(50%),veh/ln     | 0.8                                                                               | 1.5                                                                               | 2.8                                                                               | 1.3                                                                               | 2.9                                                                               | 2.0                                                                               |      |
| Unsig. Movement Delay, s/veh |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |
| LnGrp Delay(d),s/veh         | 29.0                                                                              | 5.3                                                                               | 9.6                                                                               | 8.3                                                                               | 28.6                                                                              | 22.8                                                                              |      |
| LnGrp LOS                    | C                                                                                 | A                                                                                 | A                                                                                 | A                                                                                 | C                                                                                 | C                                                                                 |      |
| Approach Vol, veh/h          |                                                                                   | 1362                                                                              | 1272                                                                              |                                                                                   | 277                                                                               |                                                                                   |      |
| Approach Delay, s/veh        |                                                                                   | 6.4                                                                               | 9.3                                                                               |                                                                                   | 27.3                                                                              |                                                                                   |      |
| Approach LOS                 |                                                                                   | A                                                                                 | A                                                                                 |                                                                                   | C                                                                                 |                                                                                   |      |
| Timer - Assigned Phs         |                                                                                   |                                                                                   |                                                                                   | 4                                                                                 | 6                                                                                 | 7                                                                                 | 8    |
| Phs Duration (G+Y+Rc), s     |                                                                                   |                                                                                   |                                                                                   | 46.6                                                                              | 13.4                                                                              | 8.6                                                                               | 38.0 |
| Change Period (Y+Rc), s      |                                                                                   |                                                                                   |                                                                                   | 6.0                                                                               | 4.0                                                                               | 4.0                                                                               | 6.0  |
| Max Green Setting (Gmax), s  |                                                                                   |                                                                                   |                                                                                   | 55.0                                                                              | 20.0                                                                              | 20.0                                                                              | 55.0 |
| Max Q Clear Time (g_c+l1), s |                                                                                   |                                                                                   |                                                                                   | 13.1                                                                              | 8.9                                                                               | 4.1                                                                               | 13.0 |
| Green Ext Time (p_c), s      |                                                                                   |                                                                                   |                                                                                   | 21.9                                                                              | 0.6                                                                               | 0.1                                                                               | 19.0 |
| Intersection Summary         |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |
| HCM 6th Ctrl Delay           |                                                                                   |                                                                                   | 9.7                                                                               |                                                                                   |                                                                                   |                                                                                   |      |
| HCM 6th LOS                  |                                                                                   |                                                                                   | A                                                                                 |                                                                                   |                                                                                   |                                                                                   |      |
| Notes                        |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |      |



# Attachment 2

Erickson Senior Living LTA  
4: Park & Ride Driveway & Santucci Blvd

Existing PP  
Timing Plan: PM

| Intersection             |        |                                                                                   |                                                                                   |      |      |                                                                                   |
|--------------------------|--------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|-----------------------------------------------------------------------------------|
| Int Delay, s/veh         | 1.1    |                                                                                   |                                                                                   |      |      |                                                                                   |
| Movement                 | WBL    | WBR                                                                               | NBT                                                                               | NBR  | SBL  | SBT                                                                               |
| Lane Configurations      |        |  |  |      |      |  |
| Traffic Vol, veh/h       | 0      | 50                                                                                | 182                                                                               | 17   | 0    | 168                                                                               |
| Future Vol, veh/h        | 0      | 50                                                                                | 182                                                                               | 17   | 0    | 168                                                                               |
| Conflicting Peds, #/hr   | 0      | 0                                                                                 | 0                                                                                 | 0    | 0    | 0                                                                                 |
| Sign Control             | Stop   | Stop                                                                              | Free                                                                              | Free | Free | Free                                                                              |
| RT Channelized           | -      | None                                                                              | -                                                                                 | None | -    | None                                                                              |
| Storage Length           | -      | 0                                                                                 | -                                                                                 | -    | -    | -                                                                                 |
| Veh in Median Storage, # | 0      | -                                                                                 | 0                                                                                 | -    | -    | 0                                                                                 |
| Grade, %                 | 0      | -                                                                                 | 0                                                                                 | -    | -    | 0                                                                                 |
| Peak Hour Factor         | 92     | 92                                                                                | 92                                                                                | 92   | 92   | 92                                                                                |
| Heavy Vehicles, %        | 2      | 2                                                                                 | 2                                                                                 | 2    | 2    | 2                                                                                 |
| Mvmt Flow                | 0      | 54                                                                                | 198                                                                               | 18   | 0    | 183                                                                               |
| Major/Minor              | Minor1 | Major1                                                                            | Major2                                                                            |      |      |                                                                                   |
| Conflicting Flow All     | -      | 108                                                                               | 0                                                                                 | 0    | -    | -                                                                                 |
| Stage 1                  | -      | -                                                                                 | -                                                                                 | -    | -    | -                                                                                 |
| Stage 2                  | -      | -                                                                                 | -                                                                                 | -    | -    | -                                                                                 |
| Critical Hdwy            | -      | 6.93                                                                              | -                                                                                 | -    | -    | -                                                                                 |
| Critical Hdwy Stg 1      | -      | -                                                                                 | -                                                                                 | -    | -    | -                                                                                 |
| Critical Hdwy Stg 2      | -      | -                                                                                 | -                                                                                 | -    | -    | -                                                                                 |
| Follow-up Hdwy           | -      | 3.319                                                                             | -                                                                                 | -    | -    | -                                                                                 |
| Pot Cap-1 Maneuver       | 0      | 926                                                                               | -                                                                                 | -    | 0    | -                                                                                 |
| Stage 1                  | 0      | -                                                                                 | -                                                                                 | -    | 0    | -                                                                                 |
| Stage 2                  | 0      | -                                                                                 | -                                                                                 | -    | 0    | -                                                                                 |
| Platoon blocked, %       |        |                                                                                   | -                                                                                 | -    |      | -                                                                                 |
| Mov Cap-1 Maneuver       | -      | 926                                                                               | -                                                                                 | -    | -    | -                                                                                 |
| Mov Cap-2 Maneuver       | -      | -                                                                                 | -                                                                                 | -    | -    | -                                                                                 |
| Stage 1                  | -      | -                                                                                 | -                                                                                 | -    | -    | -                                                                                 |
| Stage 2                  | -      | -                                                                                 | -                                                                                 | -    | -    | -                                                                                 |
| Approach                 | WB     | NB                                                                                | SB                                                                                |      |      |                                                                                   |
| HCM Control Delay, s     | 9.1    | 0                                                                                 | 0                                                                                 |      |      |                                                                                   |
| HCM LOS                  | A      |                                                                                   |                                                                                   |      |      |                                                                                   |
| Minor Lane/Major Mvmt    | NBT    | NBRWBLn1                                                                          | SBT                                                                               |      |      |                                                                                   |
| Capacity (veh/h)         | -      | -                                                                                 | 926                                                                               |      |      |                                                                                   |
| HCM Lane V/C Ratio       | -      | -                                                                                 | 0.059                                                                             |      |      |                                                                                   |
| HCM Control Delay (s)    | -      | -                                                                                 | 9.1                                                                               |      |      |                                                                                   |
| HCM Lane LOS             | -      | -                                                                                 | A                                                                                 |      |      |                                                                                   |
| HCM 95th %tile Q(veh)    | -      | -                                                                                 | 0.2                                                                               |      |      |                                                                                   |

# Attachment 2

Erickson Senior Living LTA  
5: Site Access Dwy (North) & Sierra Village Drive

Existing PP  
Timing Plan: PM

| Intersection             |        |        |      |        |      |      |
|--------------------------|--------|--------|------|--------|------|------|
| Int Delay, s/veh         | 1.3    |        |      |        |      |      |
| Movement                 | EBT    | EBR    | WBL  | WBT    | NBL  | NBR  |
| Lane Configurations      | ↑↑     |        |      | ↑↑     | ↑    |      |
| Traffic Vol, veh/h       | 101    | 11     | 11   | 171    | 17   | 17   |
| Future Vol, veh/h        | 101    | 11     | 11   | 171    | 17   | 17   |
| Conflicting Peds, #/hr   | 0      | 0      | 0    | 0      | 0    | 0    |
| Sign Control             | Free   | Free   | Free | Free   | Stop | Stop |
| RT Channelized           | -      | None   | -    | None   | -    | None |
| Storage Length           | -      | -      | -    | -      | 0    | -    |
| Veh in Median Storage, # | 0      | -      | -    | 0      | 0    | -    |
| Grade, %                 | 0      | -      | -    | 0      | 0    | -    |
| Peak Hour Factor         | 92     | 92     | 92   | 92     | 92   | 92   |
| Heavy Vehicles, %        | 2      | 2      | 2    | 2      | 2    | 2    |
| Mvmt Flow                | 110    | 12     | 12   | 186    | 18   | 18   |
| Major/Minor              | Major1 | Major2 |      | Minor1 |      |      |
| Conflicting Flow All     | 0      | 0      | 122  | 0      | 233  | 61   |
| Stage 1                  | -      | -      | -    | -      | 116  | -    |
| Stage 2                  | -      | -      | -    | -      | 117  | -    |
| Critical Hdwy            | -      | -      | 4.14 | -      | 6.84 | 6.94 |
| Critical Hdwy Stg 1      | -      | -      | -    | -      | 5.84 | -    |
| Critical Hdwy Stg 2      | -      | -      | -    | -      | 5.84 | -    |
| Follow-up Hdwy           | -      | -      | 2.22 | -      | 3.52 | 3.32 |
| Pot Cap-1 Maneuver       | -      | -      | 1463 | -      | 735  | 991  |
| Stage 1                  | -      | -      | -    | -      | 896  | -    |
| Stage 2                  | -      | -      | -    | -      | 895  | -    |
| Platoon blocked, %       | -      | -      | -    | -      | -    | -    |
| Mov Cap-1 Maneuver       | -      | -      | 1463 | -      | 728  | 991  |
| Mov Cap-2 Maneuver       | -      | -      | -    | -      | 728  | -    |
| Stage 1                  | -      | -      | -    | -      | 896  | -    |
| Stage 2                  | -      | -      | -    | -      | 887  | -    |
| Approach                 | EB     |        | WB   |        | NB   |      |
| HCM Control Delay, s     | 0      |        | 0.5  |        | 9.5  |      |
| HCM LOS                  |        |        |      |        | A    |      |
| Minor Lane/Major Mvmt    | NBLn1  | EBT    | EBR  | WBL    | WBT  |      |
| Capacity (veh/h)         | 839    | -      | -    | 1463   | -    |      |
| HCM Lane V/C Ratio       | 0.044  | -      | -    | 0.008  | -    |      |
| HCM Control Delay (s)    | 9.5    | -      | -    | 7.5    | 0    |      |
| HCM Lane LOS             | A      | -      | -    | A      | A    |      |
| HCM 95th %tile Q(veh)    | 0.1    | -      | -    | 0      | -    |      |

# Attachment 2

Erickson Senior Living LTA  
6: Westbrook Boulevard & Site Access Dwy (East)

Existing PP  
Timing Plan: PM

| Intersection             |           |        |      |        |      |      |
|--------------------------|-----------|--------|------|--------|------|------|
| Int Delay, s/veh         | 0.8       |        |      |        |      |      |
| Movement                 | EBL       | EBR    | NBL  | NBT    | SBT  | SBR  |
| Lane Configurations      |           | ↗      |      | ↗↗     | ↗↗   |      |
| Traffic Vol, veh/h       | 0         | 44     | 0    | 280    | 199  | 0    |
| Future Vol, veh/h        | 0         | 44     | 0    | 280    | 199  | 0    |
| Conflicting Peds, #/hr   | 0         | 0      | 0    | 0      | 0    | 0    |
| Sign Control             | Stop      | Stop   | Free | Free   | Free | Free |
| RT Channelized           | -         | None   | -    | None   | -    | None |
| Storage Length           | -         | 0      | -    | -      | -    | -    |
| Veh in Median Storage, # | 0         | -      | -    | 0      | 0    | -    |
| Grade, %                 | 0         | -      | -    | 0      | 0    | -    |
| Peak Hour Factor         | 92        | 92     | 92   | 92     | 92   | 92   |
| Heavy Vehicles, %        | 2         | 2      | 2    | 2      | 2    | 2    |
| Mvmt Flow                | 0         | 48     | 0    | 304    | 216  | 0    |
| Major/Minor              | Minor2    | Major1 |      | Major2 |      |      |
| Conflicting Flow All     | -         | 108    | -    | 0      | -    | 0    |
| Stage 1                  | -         | -      | -    | -      | -    | -    |
| Stage 2                  | -         | -      | -    | -      | -    | -    |
| Critical Hdwy            | -         | 6.94   | -    | -      | -    | -    |
| Critical Hdwy Stg 1      | -         | -      | -    | -      | -    | -    |
| Critical Hdwy Stg 2      | -         | -      | -    | -      | -    | -    |
| Follow-up Hdwy           | -         | 3.32   | -    | -      | -    | -    |
| Pot Cap-1 Maneuver       | 0         | 925    | 0    | -      | -    | -    |
| Stage 1                  | 0         | -      | 0    | -      | -    | -    |
| Stage 2                  | 0         | -      | 0    | -      | -    | -    |
| Platoon blocked, %       |           |        |      | -      | -    | -    |
| Mov Cap-1 Maneuver       | -         | 925    | -    | -      | -    | -    |
| Mov Cap-2 Maneuver       | -         | -      | -    | -      | -    | -    |
| Stage 1                  | -         | -      | -    | -      | -    | -    |
| Stage 2                  | -         | -      | -    | -      | -    | -    |
| Approach                 | EB        | NB     |      | SB     |      |      |
| HCM Control Delay, s     | 9.1       | 0      |      | 0      |      |      |
| HCM LOS                  | A         |        |      |        |      |      |
| Minor Lane/Major Mvmt    | NBT EBLn1 |        | SBT  | SBR    |      |      |
| Capacity (veh/h)         | - 925     |        | -    | -      |      |      |
| HCM Lane V/C Ratio       | - 0.052   |        | -    | -      |      |      |
| HCM Control Delay (s)    | - 9.1     |        | -    | -      |      |      |
| HCM Lane LOS             | - A       |        | -    | -      |      |      |
| HCM 95th %tile Q(veh)    | - 0.2     |        | -    | -      |      |      |



## MEMORANDUM

To: Matthew Todd, Principal Engineer  
George Hanson, Principal Engineer  
City of Roseville Development Services Department - Engineering

From: Fareed S. Pittalwala  
Kimley-Horn and Associates, Inc.  
March 21, 2022

Date: ***Revised August 8<sup>th</sup>, 2022***  
***Revised November 3<sup>d</sup>, 2022***  
***Revised November 16<sup>th</sup>, 2022***

Subject: Erickson West Roseville – Sewer Generation and Water Demand Analysis

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## PURPOSE

This memorandum is being provided to the City of Roseville to provide a baseline comparison of what the currently approved Sierra Vista Specific Plan (SVSP) technical studies show for the proposed parcels, versus their proposed demands.

## PROJECT DESCRIPTION

The approximately 60-acre project site is located on the northwest corner of Westbrook Boulevard and Baseline Road. Baseline Road and Sierra Village Drive are south and north of the site. The site consists of Sierra Vista Specific Plan (SVSP) parcel KT-41, which in some portions of the SVSP is labelled or broken down into KT-41A, KT-41B.

Erickson Senior Living (Erickson) proposes a community care facility with independent living, assisted living, memory care, skilled nursing, and other advanced care services. The self-contained community will be designed to meet most daily needs of seniors and will feature the following components:

- 200+ assisted living/memory care suites
- 40+ skilled nursing rooms
- 1,200+ independent living units (one and two-bedroom)
- Fine and casual indoor and outdoor dining options
- Medical services, including pharmacy
- Recreation amenities such as fitness center, swimming and walking paths



The project will be built out in phases, with approximately 1,800 residents occupying the facility at full buildout. At the time of the preparation of this technical memorandum, the City of Roseville has accepted this project as a “Commercial” land use.



## **WATER DEMAND PER SVSP WATER SUPPLY ASSESSMENT**

Assuming that the project is evaluated as a commercial zone, the projected water demand will be calculated using a Water Demand Factor of 2,598 GPD/AC. Using this factor, the estimated demand for the project would be **155,880 gallons per day**.

## **SEWER CAPACITY PER SVSP SANITARY SEWER MASTER PLAN**

According to the SVSP Sanitary Sewer Master Plan (latest revision, May 26, 2009), the land use associated with this project (KT-41) is categorized as commercial land uses and will generate the following sewer flows.

Parcel KT-41 (See Exhibit 2 – Sanitary Sewer Master Plan, SVSP Base + Urban Reserve Condition):

$Q_A$  = Average Dry Weather Flow (MGD) = 0.048 (57,645 gpd)

$Q_F$  = Factored Flow (MGD) = 0.095 (114,090 gpd)

$P_F$  = Peaking Factor = 3.23

$Q_P$  = Peak Wet Weather Flow (MGD) = 0.307 (368,691 gpd)

Projected DU = 55.2

Therefore, the total Projected Site Wastewater Generation for the project area per the SVSP Sewer Master Plan is:

- Average Dry Weather Flow (ADWF) = **57,645 gallons per day**
- Peak Wet Weather Flow (PWWF) = **368,691 gallons per day**

## COMPARISON DATA FROM REPRESENTATIVE ERICKSON PROJECTS OF SIMILAR SCALE

Two detailed reports were commissioned by Erickson in early 2020 to evaluate the true sewer generation and water usage for their typical projects. These reports provide baseline data for the same product type being proposed for the Roseville site. Copies of these reports are provided as part of this memorandum.

In summary, the report provided this baseline data:

### SEWER GENERATION (Per the GMB Report dated January 29, 2020)

The report used real flow metering data from the Erickson Living Ashby Ponds Senior Living project in Ashburn, Virginia to determine typical sanitary sewer flow rate generation for future Erickson projects. Per Section 3.3 – Wastewater Calculations, the result of the report was a Daily Sewer Flow of 81 gallons per day, per resident. The average daily Extraneous Flow Rate would equate to 6 gpd per person. Extraneous Flow, as the report defines, would include groundwater infiltration, and rainfall-dependent infiltration and inflow. Therefore, we can assume that a value of 87 gallons per day, per resident would be the equivalent of Peak Wet weather Flow (PWWF). Using the total number of projected residents (1,800 Residents) for the full buildout of the Roseville site, the approximate total sewer generation would be 87 gpd/resident x 1,800 residents, or **156,600 gallons per day** at full buildout.

### WATER USAGE (Per the Aqua San Report dated January 7, 2020)

The report details actual water usage (using approximately 2 years of water bill data) for the Erickson Wind Crest project located in Highlands Ranch, Colorado. The result of the report was an estimate of **total domestic water usage of approximately 72.5 gallons per capita per day**. Using the total number of projected residents (1,800 Residents) for the full buildout of the Roseville site, the approximate total domestic water usage generation would be **130,500 gallons per day**.

## CONCLUSION

A summary of sewer and water demand for the proposed project is below:

| SEWER GENERATION                                                                       | ADWF (GPD)         | PWWF (GPD) |
|----------------------------------------------------------------------------------------|--------------------|------------|
| Per Sierra Vista Specific Plan                                                         | 57,645             | 368,691    |
| Using Roseville Design Standards                                                       | 56,200             | 342,820    |
| Using Historical Erickson Meter Data                                                   |                    | 156,600*   |
| *inclusive of groundwater infiltration, and rainfall-dependant infiltration and inflow |                    |            |
|                                                                                        |                    |            |
|                                                                                        |                    |            |
| WATER DEMAND                                                                           | TOTAL DEMAND (GPD) |            |
| Per Sierra Vista Specific Plan WSA                                                     | 155,880            |            |
| Using Historical Erickson Meter Data                                                   | 130,500            |            |
| Difference                                                                             | -25,380            |            |

Using the Sierra Vista Specific Plan Water Supply Assessment and Sewer Analysis as a comparative baseline, it is projected that the Erickson Senior Living Project will have a lower overall water demand.

Additionally, using the Sierra Vista Specific Sewer Master Plan as a comparative baseline, it is projected that the Erickson Senior Living Project will have a lower sewer generation for a peak wet weather scenario.

### Attachments:

- Erickson Living Sanitary Sewer Flow Metering Analysis – Ashby Ponds Project
- Erickson Living Water Management Analysis – Wind Crest Project

■ ■ ■ ■

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January 29, 2020

Bohler Engineering  
901 Dulaney Valley Road, Suite 801  
Towson, MD 21204

Attn: Mr. Brandon Rowe, P.E.

Re: Erickson Living Ashby Ponds  
Sanitary Sewer Flow Metering  
GMB Job No. 190108

Dear Mr. Rowe:

Per your request, George, Miles & Buhr, LLC (GMB) is providing this letter report regarding flow metering performed at the Erickson Living Ashby Ponds Senior Living Community located in Ashburn, Virginia.

## 1. Background and Purpose

This effort stems from the sanitary sewer flow metering and capacity evaluation performed by GMB for the Erickson Living community proposed for Clarksville, Maryland in Howard County, as documented in our letter report dated 5/07/2019.

The purpose of the effort was to determine typical sanitary sewage flow rate generation from an existing Erickson Living community which could then be applied to the proposed Erickson Living community in Howard County, instead of typical design values which may not be reflective for actual flows from this type of community.

## 2. Flow Metering Program

### 2.1. Flow Metering Program Data Sources

Flow Meter 1 and Flow Meter 2 were installed at the locations indicated on Figure 1: Flow Meter Locations.

Based on the configuration of the sanitary sewer system in this area, the entire Ashby Ponds community flows to these two (2) sites with no other outside flows, so the sum of the two (2) flow meters is equal to the total average daily flow rate from the entire Ashby Ponds community.

The flow meters were installed on 6/11/2019 and operated until 8/13/2019 recording depth, velocity, and flow rate at 5-minute intervals.

Typically, sanitary sewer flow metering is performed for the purpose of either locating groundwater infiltration and rainfall-dependent infiltration and inflow (RDII) sources, or developing a hydraulic model, or both, so with the purpose of this effort being none of those, but rather to determine typical day-to-day flows, it was unnecessary to include a rain gauge as part of the effort.



However, some general rainfall data was still needed as it can affect flows by contributing RDII directly to the sanitary sewer system and indirectly by raising the groundwater table and increasing groundwater infiltration.

In lieu of a rain gauge recording at 5-minute intervals, the same as the flow meters daily rainfall totals, as recorded at Dulles International Airport in Dulles, VA, as available via the National Oceanic and Atmospheric Administration (NOAA) National Centers for Environmental Information website (<https://www.ncdc.noaa.gov/cdo-web/datasets/GHCND/stations/GHCND:USW00093738/detail>) were used instead.

## **2.2. Flow Meter 1 Data**

Flow Meter 1 was located in a 12-inch pipe, as shown in Figure 2: Flow Meter 1 Site Sheet and recorded an average daily flow rate of 106,103 gallons per day (gpd) over the course of the flow metering program as shown in Table 1: Flow Meter 1 Daily Totals.

Reviewing the data and comparing it to the rainfall daily totals, the area draining to the site does not appear to be susceptible to RDII.

## **2.3. Flow Meter 2 Data**

Flow Meter 2 was located in an 8-inch pipe, as shown in Figure 3: Flow Meter 2 Site Sheet and recorded an average daily flow rate of 31,824 gpd over the course of the program, as shown in Table 2: Flow Meter 2 Daily Totals.

Reviewing the data and comparing it to the rainfall daily totals, the area draining to the site may appear to have some susceptibility to RDII.

On 7/08/2019, Flow Meter 2 recorded 103,469 gallons in response to a 1.05-inch rainfall which is more than triple the 31,824 gpd average daily flow rate.

Without having a rain gauge located at Ashby Ponds recording data in 5-minute intervals during the flow metering program and relying on rainfall data that is from Dulles Airport which is approximately 7 miles away means that the rainfall total could be different, so a direct RDII volume to rainfall total comparison is considered not reliable enough to make the call as to whether there is excessive RDII present in this area or not.

## **2.4. Total Flow from Erickson Community at Ashby Ponds**

Based on the configuration of the sanitary sewer system in this area, the entire Ashby Ponds community flows to these two (2) flow meter sites with no other outside flows, so the sum of the two (2) flow meters is the total average daily flow rate from the Ashby Ponds community which is 137,927 gpd.

## **2.5. Rainfall Data**

A total of 5.31 inches of rainfall was recorded at Dulles Airport over the course of the flow metering program including the partial days at the start and end of the program.



### **3. Erickson Community at Ashby Ponds Service Area Characteristics**

#### **3.1. Population and Surface Area**

The Erickson Community at Ashby Ponds is a new development with portions still under construction during the timeframe of this evaluation.

At the time of the flow metering program, the portion of the Erickson Living Ashby Ponds Senior Living Community campus that was in use at the time encompassed approximately 43.3 acres and had an average population of 1,581 residents.

Our understanding is that Erickson facilities typically have an average of 1.3 persons per unit which would equate to 1,216 units occupied during the flow metering program for this location.

#### **3.2. Water Usage Records**

Four quarters of water & sewer utility bills from Loudoun Water were available for the twelve (12) buildings that comprise the occupied portion of the Erickson Community at Ashby Ponds covering Fall 2018 (9/13/2018 – 12/12/2018), Winter 2018 – 2019 (12/13/2018 – 3/13/2019), Spring 2019 (3/14/2019 – 6/12/2019), and Summer 2019 (6/13/2019 – 9/11/2019).

With the exception of one (1) building that had a separate water only account, which presumably was for irrigation, all of the utility bills charged the amount of water used for the quarter as both potable water and sanitary sewage, so the one (1) water-only account was excluded from the evaluation.

Even with the one (1) irrigation account excluded, the flows were much higher in the summer quarter with the average daily water usage flow totals ranging from a low of 96,564 gpd in the winter quarter to a high of 128,605 gpd in the summer quarter.

Taking all four (4) quarters together, the average daily water usage flow rate was 109,120 gallons per day.

Looking at the water usage in a different way, the flow metering program took place 6/11/2019 – 8/13/2019 which corresponds very closely to the first two (2) months of the Summer 2019 quarter which had an average daily water usage flow rate of 128,605 gallons per day.

For the purposes of this evaluation, we will use the average daily water usage flow rate of 128,605 gallons per day for several reasons as follows:

- The 128,605 gpd is the highest average of the data available, so would be the “worst-case scenario” in terms of high flows.
- The 128,605 gpd was the average during the period when the flow metering was taking place.

- One of the buildings is new so was being populated with residents at the time of the flow metering program, which is why we referred to an “average” population, so the 128,605 gpd summer being the most recent is considered the most accurate.

### 3.3. Wastewater Calculations

Wastewater flow through sanitary sewers is comprised of three (3) components which are sewage, groundwater infiltration, and rainfall-dependent infiltration & inflow (RDII) with the latter two (2) being extraneous flows.

Based on an average daily water usage of 128,605 gallons per day of water per the water usage records, which is assumed to be returned as sewage, and a total average daily wastewater flow rate of 137,927 gpd from the flow metering program, the area has an average daily flow rate of 9,322 gpd of extraneous flows.

The average daily sewage flow rate of 128,605 gpd equates to 81 gallons per day per resident, and the average daily extraneous flow rate would equate to 6 gpd per person normalized by population.

### 4. Comparison to Howard County Design Rates

The Howard County Design Manual Volume II Water and Sewer provides the following guidelines for calculating average daily wastewater flow:

|                                          |                                    |
|------------------------------------------|------------------------------------|
| Residential Usage                        | 72 gallons per capita per day      |
| Infiltration / Inflow – Residential Area | 40 gallons per capita per day      |
| Institutional Usage                      | 350 gpd per acre (including I/I)   |
| Industrial / Commercial Area             | 1,000 gpd per acre (including I/I) |

For Institutional Usage and Industrial / Commercial Area, the Design Manual also cites the State of Maryland’s “Design Guidelines for Sewerage Facilities” as another source reference.

As a retirement community with different levels of assisted living amenities, the Erickson Living community best fits as residential usage, although part of the flow could also fit as institutional usage.

Compared to residential design flow rates, the 81 gallons per day per resident sewage flow is higher than the 72 gpd per person that is used by Howard County, but reasonable, considering that it also includes common areas used by all of the residents, as well as Erickson Community at Ashby Ponds staff, plus some residents may generate higher than average flows due to higher levels of care.

Conversely, the 6 gallons per day per resident extraneous flow is much lower than the 40 gpd per person that is used by Howard County for residential areas, but also would seem reasonable considering that the population of 1,581 is spread over only twelve buildings, so the amount of sanitary sewer service piping is much lower than if that same population was spread out over hundreds of single family homes.



Applying the County's institutional usage rate of 350 gallons per acre per day (which includes infiltration) to the 43.3 acre site would equate to 15,155 gallons per day, and applying the County's industrial / commercial usage rate of 1,000 gallons per acre per day (which includes infiltration) to the 43.3 acre site would equate to 43,300 gallons per day, neither of which is reasonable for application to the proposed Erickson Living community.

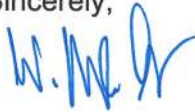
## **5. Conclusion**

The results of the sanitary sewer flow metering of the Erickson Living Ashby Ponds Senior Living Community located in Ashburn, VA indicated that the average daily sewage flow rate is 81 gpd per person, and the average daily infiltration rate is 6 gpd per person when normalized by resident.

These flow generation rates seem reasonable and we believe that they could be considered representational of what flows to expect from similar facilities.

We trust that this evaluation satisfies your needs, but please let us know if you have any questions or need any additional information regarding this work. Thank you.

Sincerely,



W. Mark Gardocky, P.E.  
Vice President / Senior Project Manager

WMG/nc

Enclosures:

Figure 1: Flow Meter Locations  
Figure 2: Flow Meter 1 Site Sheet  
Figure 3: Flow Meter 2 Site Sheet

Table 1: Flow Meter 1 Daily Totals  
Table 2: Flow Meter 2 Daily Totals



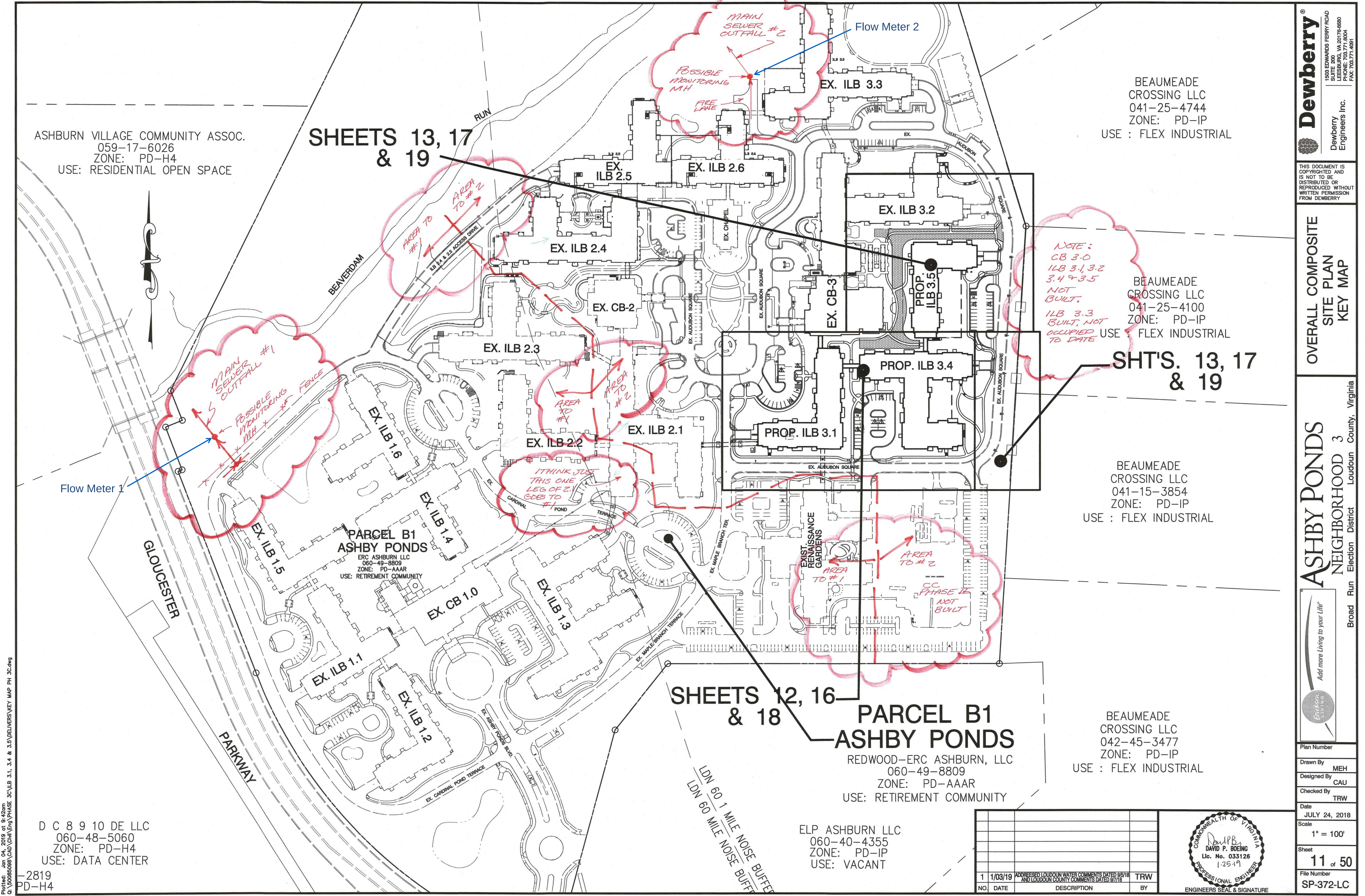


FIGURE 1: FLOW METER LOCATIONS



# Attachment 3

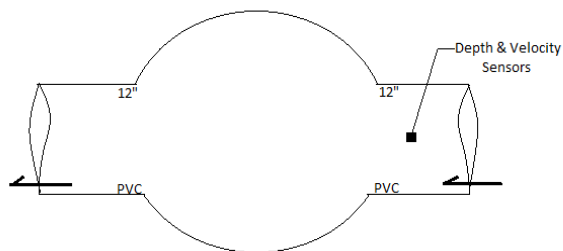


## METER SITE INFORMATION FIELD LOG

|                                               |                            |                      |
|-----------------------------------------------|----------------------------|----------------------|
| <b>PROJECT:</b> Ashburn, VA                   | <b>DATE:</b> June 11, 2019 | <b>JOB#:</b> 19070   |
| <b>LOCATION:</b> Cardinal Pond Terrace R.O.W. | <b>MH#:</b>                | <b>METER SITE:</b> 1 |
| <b>GPS/COMMENTS:</b> 39.031797, -77.457596    |                            |                      |



|          | Size (") | Material | Flow Depth (") | Debris (") | Shape    | MH Depth |
|----------|----------|----------|----------------|------------|----------|----------|
| Incoming | 12       | PVC      | 1              | 0          | Circular | 08' 07"  |
| Incoming |          |          |                |            |          |          |
| Incoming |          |          |                |            |          |          |
| Outgoing | 12       | PVC      | 1              | 0          | Circular | 08' 08"  |



### SURCHARGE INFORMATION

**SURCHARGE NONE EVIDENT:** X  
**SURCHARGED MARKS TO:**  
**SURCHARGE CURRENTLY TO:**

### WEIR INFORMATION

**LENGTH:**  
**BREADTH:**  
**LEVEL:**  
**HEIGHT ABOVE WEIR:**  
**OVERFLOW OCCURS AT:**

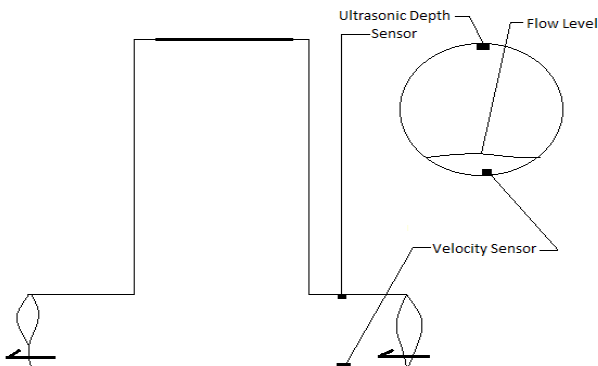


FIGURE 2 - FLOW METER 1 SITE SHEET



# Attachment 3

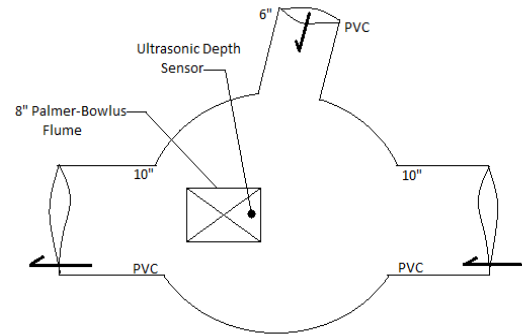


## METER SITE INFORMATION FIELD LOG

|                                            |                            |                      |
|--------------------------------------------|----------------------------|----------------------|
| <b>PROJECT:</b> Ashburn, VA                | <b>DATE:</b> June 11, 2019 | <b>JOB#:</b> 19070   |
| <b>LOCATION:</b> Audubon Square R.O.W.     | <b>MH#:</b>                | <b>METER SITE:</b> 2 |
| <b>GPS/COMMENTS:</b> 39.031294, -77.452787 |                            |                      |



|          | Size (") | Material | Flow Depth (") | Debris (") | Shape    | MH Depth |
|----------|----------|----------|----------------|------------|----------|----------|
| Incoming | 10       | PVC      | 1.5            | 0          | Circular | 20' 05"  |
| Incoming | 6        | PVC      | 0.125          | 0          | Circular | 20' 02"  |
| Incoming |          |          |                |            |          |          |
| Outgoing | 10       | PVC      | 1.6            | 0          | Circular | 20' 06"  |



### SURCHARGE INFORMATION

|                                  |
|----------------------------------|
| <b>SURCHARGE NONE EVIDENT:</b> X |
| <b>SURCHARGED MARKS TO:</b>      |
| <b>SURCHARGE CURRENTLY TO:</b>   |

### WEIR INFORMATION

|                 |                            |
|-----------------|----------------------------|
| <b>LENGTH:</b>  | <b>HEIGHT ABOVE WEIR:</b>  |
| <b>BREADTH:</b> | <b>OVERFLOW OCCURS AT:</b> |
| <b>LEVEL:</b>   |                            |

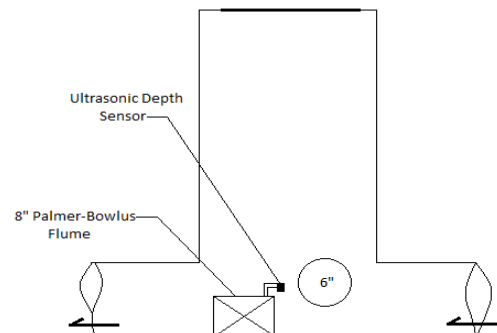


FIGURE 3 - FLOW METER 2 SITE SHEET

# Attachment 3

Table 1: Flow Meter 1 Daily Totals

| Daily Summary           |                           |                   |                 |                           |                    |                    |                    |                           |                    |                        |                        |                            |                        |                         |                         |                            |                         |
|-------------------------|---------------------------|-------------------|-----------------|---------------------------|--------------------|--------------------|--------------------|---------------------------|--------------------|------------------------|------------------------|----------------------------|------------------------|-------------------------|-------------------------|----------------------------|-------------------------|
| Date of Reading (m/d/y) | Day of the Week (MTWTFSS) | Daily Flow (mgal) | Daily Rain (in) | Maximum Rain Rate (in/hr) | Maximum Surge (in) | Minimum Depth (in) | Maximum Depth (in) | Min - Max Difference (in) | Average Depth (in) | Minimum Velocity (fps) | Maximum Velocity (fps) | Min - Max Difference (fps) | Average Velocity (fps) | Minimum Flow Rate (mgd) | Maximum Flow Rate (mgd) | Min - Max Difference (mgd) | Average Flow Rate (mgd) |
| 6/12/2019               | Wednesday                 | 0.084             | 0.08            | 0.00                      | 0.00               | 0.72               | 2.23               | 1.51                      | 1.01               | 0.60                   | 9.46                   | 8.86                       | 3.76                   | 0.009                   | 0.614                   | 0.605                      | 0.084                   |
| 6/13/2019               | Thursday                  | 0.078             | 0.66            | 0.00                      | 0.00               | 0.68               | 1.45               | 0.76                      | 1.02               | 0.00                   | 6.68                   | 6.68                       | 3.45                   | 0.000                   | 0.200                   | 0.200                      | 0.078                   |
| 6/14/2019               | Friday                    | 0.060             | 0.00            | 0.00                      | 0.00               | 0.67               | 1.38               | 0.71                      | 0.97               | 0.06                   | 5.94                   | 5.88                       | 2.85                   | 0.001                   | 0.170                   | 0.169                      | 0.060                   |
| 6/15/2019               | Saturday                  | 0.074             | 0.00            | 0.00                      | 0.00               | 0.64               | 2.12               | 1.48                      | 1.02               | 0.07                   | 8.09                   | 8.02                       | 3.18                   | 0.001                   | 0.487                   | 0.486                      | 0.074                   |
| 6/16/2019               | Sunday                    | 0.093             | 0.00            | 0.00                      | 0.00               | 0.74               | 2.17               | 1.43                      | 1.11               | 0.19                   | 8.33                   | 8.15                       | 3.77                   | 0.003                   | 0.520                   | 0.517                      | 0.093                   |
| 6/17/2019               | Monday                    | 0.106             | 0.06            | 0.00                      | 0.00               | 0.73               | 2.42               | 1.69                      | 1.12               | 1.06                   | 9.21                   | 8.15                       | 4.18                   | 0.015                   | 0.675                   | 0.660                      | 0.106                   |
| 6/18/2019               | Tuesday                   | 0.108             | 0.00            | 0.00                      | 0.00               | 0.73               | 2.20               | 1.46                      | 1.13               | 1.69                   | 8.59                   | 6.89                       | 4.22                   | 0.023                   | 0.547                   | 0.523                      | 0.108                   |
| 6/19/2019               | Wednesday                 | 0.128             | 0.00            | 0.00                      | 0.00               | 0.75               | 2.24               | 1.49                      | 1.20               | 0.81                   | 8.57                   | 7.76                       | 4.63                   | 0.011                   | 0.561                   | 0.550                      | 0.128                   |
| 6/20/2019               | Thursday                  | 0.136             | 0.00            | 0.00                      | 0.00               | 0.84               | 2.31               | 1.48                      | 1.23               | 2.89                   | 8.76                   | 5.87                       | 4.74                   | 0.047                   | 0.601                   | 0.554                      | 0.136                   |
| 6/21/2019               | Friday                    | 0.121             | 0.00            | 0.00                      | 0.00               | 0.82               | 2.18               | 1.36                      | 1.17               | 2.50                   | 8.45                   | 5.96                       | 4.59                   | 0.040                   | 0.532                   | 0.492                      | 0.121                   |
| 6/22/2019               | Saturday                  | 0.098             | 0.00            | 0.00                      | 0.00               | 0.78               | 2.21               | 1.43                      | 1.10               | 1.64                   | 8.46                   | 6.82                       | 4.01                   | 0.023                   | 0.543                   | 0.520                      | 0.097                   |
| 6/23/2019               | Sunday                    | 0.105             | 0.00            | 0.00                      | 0.00               | 0.76               | 2.24               | 1.49                      | 1.10               | 2.11                   | 8.79                   | 6.67                       | 4.24                   | 0.031                   | 0.577                   | 0.546                      | 0.105                   |
| 6/24/2019               | Monday                    | 0.124             | 0.19            | 0.00                      | 0.00               | 0.75               | 2.21               | 1.46                      | 1.15               | 2.04                   | 8.38                   | 6.34                       | 4.59                   | 0.027                   | 0.540                   | 0.512                      | 0.124                   |
| 6/25/2019               | Tuesday                   | 0.140             | 0.17            | 0.00                      | 0.00               | 0.75               | 2.24               | 1.49                      | 1.21               | 1.47                   | 8.22                   | 6.75                       | 4.85                   | 0.019                   | 0.538                   | 0.519                      | 0.140                   |
| 6/26/2019               | Wednesday                 | 0.129             | 0.00            | 0.00                      | 0.00               | 0.77               | 2.39               | 1.62                      | 1.17               | 1.88                   | 8.34                   | 6.46                       | 4.81                   | 0.027                   | 0.599                   | 0.572                      | 0.129                   |
| 6/27/2019               | Thursday                  | 0.133             | 0.74            | 0.00                      | 0.00               | 0.80               | 2.24               | 1.44                      | 1.17               | 2.24                   | 8.03                   | 5.79                       | 4.88                   | 0.036                   | 0.525                   | 0.489                      | 0.133                   |
| 6/28/2019               | Friday                    | 0.130             | 0.00            | 0.00                      | 0.00               | 0.78               | 2.73               | 1.96                      | 1.16               | 2.34                   | 8.71                   | 6.37                       | 4.77                   | 0.034                   | 0.758                   | 0.724                      | 0.130                   |
| 6/29/2019               | Saturday                  | 0.136             | 0.04            | 0.00                      | 0.00               | 0.78               | 2.59               | 1.81                      | 1.16               | 2.46                   | 8.10                   | 5.64                       | 4.96                   | 0.035                   | 0.651                   | 0.616                      | 0.136                   |
| 6/30/2019               | Sunday                    | 0.129             | 0.00            | 0.00                      | 0.00               | 0.79               | 2.67               | 1.87                      | 1.14               | 2.15                   | 8.61                   | 6.45                       | 4.91                   | 0.033                   | 0.723                   | 0.690                      | 0.129                   |
| 7/01/2019               | Monday                    | 0.126             | 0.00            | 0.00                      | 0.00               | 0.71               | 2.62               | 1.91                      | 1.12               | 1.91                   | 8.63                   | 6.71                       | 4.89                   | 0.024                   | 0.707                   | 0.682                      | 0.126                   |
| 7/02/2019               | Tuesday                   | 0.128             | 0.19            | 0.00                      | 0.00               | 0.72               | 2.43               | 1.71                      | 1.13               | 2.19                   | 8.49                   | 6.30                       | 4.79                   | 0.030                   | 0.623                   | 0.593                      | 0.128                   |
| 7/03/2019               | Wednesday                 | 0.144             | 0.00            | 0.00                      | 0.00               | 0.79               | 2.65               | 1.86                      | 1.19               | 2.45                   | 8.42                   | 5.97                       | 5.15                   | 0.035                   | 0.701                   | 0.666                      | 0.144                   |
| 7/04/2019               | Thursday                  | 0.126             | 0.04            | 0.00                      | 0.00               | 0.84               | 2.29               | 1.46                      | 1.13               | 2.62                   | 8.23                   | 5.61                       | 4.81                   | 0.041                   | 0.557                   | 0.516                      | 0.126                   |
| 7/05/2019               | Friday                    | 0.152             | 0.00            | 0.00                      | 0.00               | 0.81               | 2.73               | 1.92                      | 1.21               | 2.90                   | 8.69                   | 5.79                       | 5.39                   | 0.047                   | 0.754                   | 0.707                      | 0.152                   |
| 7/06/2019               | Saturday                  | 0.135             | 0.00            | 0.00                      | 0.00               | 0.79               | 2.61               | 1.82                      | 1.17               | 2.27                   | 9.05                   | 6.78                       | 4.87                   | 0.037                   | 0.718                   | 0.681                      | 0.135                   |
| 7/07/2019               | Sunday                    | 0.130             | 0.00            | 0.00                      | 0.00               | 0.78               | 2.56               | 1.78                      | 1.15               | 2.18                   | 8.58                   | 6.40                       | 4.89                   | 0.031                   | 0.678                   | 0.648                      | 0.130                   |
| 7/08/2019               | Monday                    | 0.107             | 1.05            | 0.00                      | 0.00               | 0.73               | 2.59               | 1.85                      | 1.06               | 2.18                   | 8.76                   | 6.58                       | 4.45                   | 0.030                   | 0.704                   | 0.674                      | 0.107                   |
| 7/09/2019               | Tuesday                   | 0.120             | 0.00            | 0.00                      | 0.00               | 0.72               | 1.90               | 1.18                      | 1.12               | 1.64                   | 8.79                   | 7.14                       | 4.67                   | 0.021                   | 0.454                   | 0.434                      | 0.120                   |
| 7/10/2019               | Wednesday                 | 0.129             | 0.00            | 0.00                      | 0.00               | 0.75               | 2.54               | 1.78                      | 1.16               | 2.46                   | 8.82                   | 6.36                       | 4.83                   | 0.036                   | 0.657                   | 0.621                      | 0.129                   |
| 7/11/2019               | Thursday                  | 0.111             | 0.26            | 0.00                      | 0.00               | 0.72               | 2.48               | 1.76                      | 1.09               | 1.78                   | 8.50                   | 6.72                       | 4.39                   | 0.025                   | 0.634                   | 0.608                      | 0.111                   |
| 7/12/2019               | Friday                    | 0.127             | 0.00            | 0.00                      | 0.00               | 0.78               | 2.56               | 1.78                      | 1.15               | 2.29                   | 8.45                   | 6.16                       | 4.76                   | 0.032                   | 0.668                   | 0.636                      | 0.127                   |
| 7/13/2019               | Saturday                  | 0.120             | 0.00            | 0.00                      | 0.00               | 0.71               | 2.54               | 1.83                      | 1.11               | 1.97                   | 8.68                   | 6.71                       | 4.67                   | 0.025                   | 0.674                   | 0.649                      | 0.120                   |
| 7/14/2019               | Sunday                    | 0.120             | 0.00            | 0.00                      | 0.00               | 0.72               | 1.78               | 1.06                      | 1.11               | 2.47                   | 7.88                   | 5.41                       | 4.81                   | 0.031                   | 0.369                   | 0.338                      | 0.120                   |
| 7/15/2019               | Monday                    | 0.117             | 0.00            | 0.00                      | 0.00               | 0.70               | 2.39               | 1.69                      | 1.10               | 1.88                   | 9.23                   | 7.35                       | 4.71                   | 0.022                   | 0.618                   | 0.596                      | 0.117                   |
| 7/16/2019               | Tuesday                   | 0.116             | 0.00            | 0.00                      | 0.00               | 0.74               | 1.73               | 0.99                      | 1.10               | 2.21                   | 8.20                   | 5.99                       | 4.68                   | 0.029                   | 0.368                   | 0.339                      | 0.116                   |
| 7/17/2019               | Wednesday                 | 0.111             | 0.41            | 0.00                      | 0.00               | 0.68               | 1.48               | 0.80                      | 1.05               | 2.62                   | 7.25                   | 4.62                       | 4.88                   | 0.034                   | 0.238                   | 0.204                      | 0.110                   |
| 7/18/2019               | Thursday                  | 0.113             | 0.00            | 0.00                      | 0.00               | 0.67               | 2.52               | 1.85                      | 1.09               | 1.78                   | 8.50                   | 6.72                       | 4.59                   | 0.023                   | 0.650                   | 0.626                      | 0.113                   |
| 7/19/2019               | Friday                    | 0.101             | 0.00            | 0.00                      | 0.00               | 0.66               | 1.73               | 1.06                      | 1.04               | 1.86                   | 8.10                   | 6.24                       | 4.44                   | 0.020                   | 0.364                   | 0.343                      | 0.101                   |
| 7/20/2019               | Saturday                  | 0.105             | 0.00            | 0.00                      | 0.00               | 0.78               | 1.43               | 0.65                      | 1.06               | 2.84                   | 6.83                   | 3.99                       | 4.64                   | 0.042                   | 0.222                   | 0.180                      | 0.105                   |
| 7/21/2019               | Sunday                    | 0.096             | 0.00            | 0.00                      | 0.00               | 0.75               | 1.70               | 0.95                      | 1.03               | 2.24                   | 8.44                   | 6.20                       | 4.38                   | 0.034                   | 0.361                   | 0.327                      | 0.096                   |
| 7/22/2019               | Monday                    | 0.104             | 0.18            | 0.00                      | 0.00               | 0.67               | 2.37               | 1.70                      | 1.06               | 2.20                   | 8.16                   | 5.96                       | 4.37                   | 0.025                   | 0.563                   | 0.539                      | 0.104                   |
| 7/23/2019               | Tuesday                   | 0.079             | 0.58            | 0.00                      | 0.00               | 0.63               | 2.37               | 1.74                      | 0.94               | 1.33                   | 8.39                   | 7.06                       | 3.92                   | 0.014                   | 0.586                   | 0.571                      | 0.079                   |
| 7/24/2019               | Wednesday                 | 0.075             | 0.00            | 0.00                      | 0.00               | 0.64               | 1.79               | 1.15                      | 0.93               | 2.09                   | 8.40                   | 6.31                       | 3.92                   | 0.022                   | 0.388                   | 0.366                      | 0.075                   |
| 7/25/2019               | Thursday                  | 0.092             | 0.00            | 0.00                      | 0.00               | 0.66               | 2.26               | 1.60                      | 1.00               | 1.67                   | 8.88                   | 7.21                       | 4.17                   | 0.020                   | 0.548                   | 0.528                      | 0.092                   |
| 7/26/2019               | Friday                    | 0.086             | 0.00            | 0.00                      | 0.00               | 0.67               | 2.32               | 1.65                      | 0.97               | 2.08                   | 8.96                   | 6.87                       | 4.13                   | 0.026                   | 0.563                   | 0.537                      | 0.086                   |
| 7/27/2019               | Saturday                  | 0.087             | 0.00            | 0.00                      | 0.00               | 0.65               | 2.23               | 1.58                      | 0.98               | 1.22                   | 8.94                   | 7.72                       | 4.10                   | 0.013                   | 0.578                   | 0.565                      | 0.087                   |
| 7/28/2019               | Sunday                    | 0.095             | 0.00            | 0.00                      | 0.00               | 0.67               | 2.19               | 1.52                      | 1.02               | 1.98                   | 9.08                   | 7.10                       | 4.28                   | 0.025                   | 0.574                   | 0.549                      | 0.095                   |
| 7/29/2019               | Monday                    | 0.107             | 0.00            | 0.00                      | 0.00               | 0.69               | 2.23               | 1.53                      | 1.08               | 1.71                   | 8.51                   | 6.80                       | 4.48                   | 0.022                   | 0.535                   | 0.514                      | 0.107                   |
| 7/30/2019               | Tuesday                   | 0.098             | 0.02            | 0.00                      | 0.00               | 0.68               | 2.27               | 1.58                      | 1.05               | 2.35                   | 8.92                   | 6.57                       | 4.24                   | 0.031                   | 0.582                   | 0.551                      | 0.098                   |
| 7/31/2019               | Wednesday                 | 0.080             | 0.00            | 0.00                      | 0.00               | 0.65               | 2.20               | 1.55                      | 0.97               | 1.28                   | 8.58                   | 7.30                       | 3.88                   | 0.016                   | 0.515                   | 0.499                      | 0.080                   |
| 8/01/2019               | Thursday                  | 0.090             | 0.00            | 0.00                      | 0.00               | 0.62               | 2.25               | 1.63                      | 1.02               | 1.40                   | 7.99                   | 6.59                       | 4.11                   | 0.016                   | 0.527                   | 0.511                      | 0.090                   |
| 8/02/2019               | Friday                    | 0.081             | 0.00            | 0.00                      | 0.00               | 0.65               | 2.11               | 1.46                      | 0.96               | 1.24                   | 8.37                   | 7.12                       | 3.95                   | 0.017                   | 0.492                   | 0.476                      | 0.081                   |
| 8/03/2019               | Saturday                  | 0.081             | 0.00            | 0.00                      | 0.00               | 0.64               | 2.00               | 1.36                      | 0.98               | 2.36                   | 8.02                   | 5.66                       | 3.92                   | 0.029                   | 0.446                   | 0.417                      | 0.081                   |
| 8/04/2019               | Sunday                    | 0.080             | 0.00            | 0.00                      | 0.00               | 0.67               | 2.06               | 1.39                      | 0.96               | 1.37                   | 8.46                   | 7.09                       | 3.95                   | 0.016                   | 0.492                   | 0.477                      | 0.080                   |
| 8/05/2019               | Monday                    | 0.084             | 0.00            | 0.00                      | 0.00               | 0.63               | 1.96               | 1.33                      | 0.98               | 1.39                   | 8.52                   | 7.12                       | 3.99                   | 0.015                   | 0.461                   | 0.446                      | 0.084                   |

# Attachment 3

| Date of Reading<br>(m/d/y) | Day of the Week<br>(SMTWTFS) | Daily Flow (mgd)<br>Rate (mgd) | Daily Rain (in)<br>Rate (in/day) | Maximum Rain Rate<br>(in/hr) | Maximum Surcharge<br>(in) | Minimum Depth<br>(in) | Maximum Depth<br>(in) | Min - Max Difference<br>(in) | Average Depth<br>(in) | Minimum Velocity<br>(fps) | Maximum Velocity<br>(fps) | Min - Max Difference<br>(fps) | Average Velocity<br>(fps) | Minimum Flow Rate<br>(mgd) | Maximum Flow Rate<br>(mgd) | Min - Max Difference<br>(mgd) | Average Flow Rate<br>(mgd) |
|----------------------------|------------------------------|--------------------------------|----------------------------------|------------------------------|---------------------------|-----------------------|-----------------------|------------------------------|-----------------------|---------------------------|---------------------------|-------------------------------|---------------------------|----------------------------|----------------------------|-------------------------------|----------------------------|
| 8/06/2019                  | Tuesday                      | 0.082                          | 0.00                             | 0.00                         | 0.00                      | 0.62                  | 2.17                  | 1.55                         | 0.97                  | 2.30                      | 8.65                      | 6.35                          | 3.95                      | 0.024                      | 0.542                      | 0.518                         | 0.082                      |
| 8/07/2019                  | Wednesday                    | 0.087                          | 0.39                             | 0.00                         | 0.00                      | 0.66                  | 2.13                  | 1.47                         | 1.00                  | 1.05                      | 8.32                      | 7.27                          | 4.06                      | 0.012                      | 0.471                      | 0.459                         | 0.087                      |
| 8/08/2019                  | Thursday                     | 0.094                          | 0.00                             | 0.00                         | 0.00                      | 0.66                  | 2.16                  | 1.50                         | 1.02                  | 1.80                      | 8.13                      | 6.33                          | 4.23                      | 0.023                      | 0.462                      | 0.440                         | 0.094                      |
| 8/09/2019                  | Friday                       | 0.089                          | 0.00                             | 0.00                         | 0.00                      | 0.68                  | 2.11                  | 1.43                         | 1.00                  | 2.08                      | 7.96                      | 5.88                          | 4.13                      | 0.026                      | 0.477                      | 0.450                         | 0.089                      |
| 8/10/2019                  | Saturday                     | 0.086                          | 0.00                             | 0.00                         | 0.00                      | 0.64                  | 2.06                  | 1.42                         | 0.98                  | 1.54                      | 8.30                      | 6.76                          | 4.13                      | 0.019                      | 0.483                      | 0.464                         | 0.086                      |
| 8/11/2019                  | Sunday                       | 0.083                          | 0.00                             | 0.00                         | 0.00                      | 0.63                  | 2.16                  | 1.53                         | 0.97                  | 2.36                      | 8.55                      | 6.19                          | 4.04                      | 0.027                      | 0.532                      | 0.505                         | 0.083                      |
| 8/12/2019                  | Monday                       | 0.092                          | 0.00                             | 0.00                         | 0.00                      | 0.67                  | 2.15                  | 1.48                         | 1.01                  | 1.94                      | 8.33                      | 6.40                          | 4.22                      | 0.022                      | 0.514                      | 0.492                         | 0.092                      |
| <b>Totals:</b>             |                              | <b>6.578</b>                   | <b>5.06</b>                      |                              |                           |                       |                       |                              |                       |                           |                           |                               |                           |                            |                            |                               |                            |
| <b>Maximum:</b>            |                              | <b>0.152</b>                   |                                  | <b>0.00</b>                  | <b>0.00</b>               | <b>0.84</b>           | <b>2.73</b>           | <b>1.96</b>                  | <b>1.23</b>           | <b>2.90</b>               | <b>9.46</b>               | <b>8.86</b>                   | <b>5.39</b>               | <b>0.047</b>               | <b>0.758</b>               | <b>0.724</b>                  | <b>0.152</b>               |
| <b>Minimum:</b>            |                              | <b>0.060</b>                   |                                  |                              |                           | <b>0.62</b>           | <b>1.38</b>           | <b>0.65</b>                  | <b>0.93</b>           | <b>0.00</b>               | <b>5.94</b>               | <b>3.99</b>                   | <b>2.85</b>               | <b>0.000</b>               | <b>0.170</b>               | <b>0.169</b>                  | <b>0.060</b>               |
| <b>Average:</b>            |                              | <b>0.106</b>                   |                                  |                              |                           | <b>0.71</b>           | <b>2.21</b>           | <b>1.50</b>                  | <b>1.07</b>           | <b>1.83</b>               | <b>8.40</b>               | <b>6.56</b>                   | <b>4.38</b>               | <b>0.025</b>               | <b>0.539</b>               | <b>0.514</b>                  | <b>0.106</b>               |
| <b>106,103 gpd</b>         |                              | (Partial days excluded.)       |                                  |                              |                           |                       |                       |                              |                       |                           |                           |                               |                           |                            |                            |                               |                            |

# Attachment 3

Table 2: Flow Meter 2 Daily Totals

| Daily Summary           |                           |                   |                 |                           |                    |                    |                    |                           |                    |                        |                        |                            |                        |                         |                         |                            |                         |
|-------------------------|---------------------------|-------------------|-----------------|---------------------------|--------------------|--------------------|--------------------|---------------------------|--------------------|------------------------|------------------------|----------------------------|------------------------|-------------------------|-------------------------|----------------------------|-------------------------|
| Date of Reading (m/d/y) | Day of the Week (SMTWTFS) | Daily Flow (mgal) | Daily Rain (in) | Maximum Rain Rate (in/hr) | Maximum Surge (in) | Minimum Depth (in) | Maximum Depth (in) | Min - Max Difference (in) | Average Depth (in) | Minimum Velocity (fps) | Maximum Velocity (fps) | Min - Max Difference (fps) | Average Velocity (fps) | Minimum Flow Rate (mgd) | Maximum Flow Rate (mgd) | Min - Max Difference (mgd) | Average Flow Rate (mgd) |
| 6/12/2019               | Wednesday                 | 0.026             | 0.08            | 0.00                      | 0.00               | 0.37               | 2.27               | 1.90                      | 1.27               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.071                   | 0.068                      | 0.026                   |
| 6/13/2019               | Thursday                  | 0.073             | 0.66            | 0.00                      | 0.00               | 0.43               | 4.07               | 3.64                      | 2.13               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.214                   | 0.211                      | 0.073                   |
| 6/14/2019               | Friday                    | 0.027             | 0.00            | 0.00                      | 0.00               | 0.42               | 2.42               | 2.00                      | 1.30               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.080                   | 0.077                      | 0.027                   |
| 6/15/2019               | Saturday                  | 0.026             | 0.00            | 0.00                      | 0.00               | 0.37               | 2.31               | 1.94                      | 1.27               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.073                   | 0.071                      | 0.026                   |
| 6/16/2019               | Sunday                    | 0.025             | 0.00            | 0.00                      | 0.00               | 0.31               | 2.41               | 2.10                      | 1.22               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.079                   | 0.078                      | 0.025                   |
| 6/17/2019               | Monday                    | 0.048             | 0.06            | 0.00                      | 0.00               | 0.35               | 4.79               | 4.43                      | 1.63               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.291                   | 0.289                      | 0.048                   |
| 6/18/2019               | Tuesday                   | 0.037             | 0.00            | 0.00                      | 0.00               | 0.44               | 3.21               | 2.77                      | 1.55               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.136                   | 0.133                      | 0.037                   |
| 6/19/2019               | Wednesday                 | 0.027             | 0.00            | 0.00                      | 0.00               | 0.53               | 2.27               | 1.73                      | 1.30               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.005                   | 0.071                   | 0.066                      | 0.027                   |
| 6/20/2019               | Thursday                  | 0.030             | 0.00            | 0.00                      | 0.00               | 0.39               | 2.39               | 2.01                      | 1.35               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.078                   | 0.076                      | 0.030                   |
| 6/21/2019               | Friday                    | 0.027             | 0.00            | 0.00                      | 0.00               | 0.37               | 2.46               | 2.09                      | 1.29               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.082                   | 0.080                      | 0.027                   |
| 6/22/2019               | Saturday                  | 0.027             | 0.00            | 0.00                      | 0.00               | 0.43               | 2.20               | 1.77                      | 1.30               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.066                   | 0.063                      | 0.027                   |
| 6/23/2019               | Sunday                    | 0.024             | 0.00            | 0.00                      | 0.00               | 0.32               | 2.28               | 1.97                      | 1.21               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.071                   | 0.070                      | 0.024                   |
| 6/24/2019               | Monday                    | 0.027             | 0.19            | 0.00                      | 0.00               | 0.39               | 2.50               | 2.11                      | 1.28               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.084                   | 0.082                      | 0.027                   |
| 6/25/2019               | Tuesday                   | 0.042             | 0.17            | 0.00                      | 0.00               | 0.43               | 2.91               | 2.47                      | 1.64               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.113                   | 0.110                      | 0.042                   |
| 6/26/2019               | Wednesday                 | 0.028             | 0.00            | 0.00                      | 0.00               | 0.43               | 2.32               | 1.88                      | 1.33               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.073                   | 0.070                      | 0.028                   |
| 6/27/2019               | Thursday                  | 0.028             | 0.74            | 0.00                      | 0.00               | 0.50               | 2.34               | 1.84                      | 1.33               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.004                   | 0.075                   | 0.071                      | 0.028                   |
| 6/28/2019               | Friday                    | 0.030             | 0.00            | 0.00                      | 0.00               | 0.36               | 2.30               | 1.94                      | 1.35               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.072                   | 0.070                      | 0.030                   |
| 6/29/2019               | Saturday                  | 0.026             | 0.04            | 0.00                      | 0.00               | 0.35               | 2.42               | 2.06                      | 1.26               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.080                   | 0.077                      | 0.026                   |
| 6/30/2019               | Sunday                    | 0.027             | 0.00            | 0.00                      | 0.00               | 0.37               | 2.30               | 1.92                      | 1.30               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.072                   | 0.070                      | 0.027                   |
| 7/01/2019               | Monday                    | 0.027             | 0.00            | 0.00                      | 0.00               | 0.37               | 2.30               | 1.93                      | 1.28               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.072                   | 0.070                      | 0.027                   |
| 7/02/2019               | Tuesday                   | 0.027             | 0.19            | 0.00                      | 0.00               | 0.35               | 2.33               | 1.97                      | 1.29               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.074                   | 0.072                      | 0.027                   |
| 7/03/2019               | Wednesday                 | 0.028             | 0.00            | 0.00                      | 0.00               | 0.37               | 2.46               | 2.09                      | 1.31               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.082                   | 0.080                      | 0.028                   |
| 7/04/2019               | Thursday                  | 0.025             | 0.04            | 0.00                      | 0.00               | 0.44               | 2.49               | 2.05                      | 1.22               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.084                   | 0.081                      | 0.025                   |
| 7/05/2019               | Friday                    | 0.026             | 0.00            | 0.00                      | 0.00               | 0.35               | 2.35               | 2.01                      | 1.26               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.076                   | 0.074                      | 0.026                   |
| 7/06/2019               | Saturday                  | 0.045             | 0.00            | 0.00                      | 0.00               | 0.41               | 3.73               | 3.33                      | 1.65               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.182                   | 0.179                      | 0.045                   |
| 7/07/2019               | Sunday                    | 0.034             | 0.00            | 0.00                      | 0.00               | 0.62               | 2.62               | 2.00                      | 1.52               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.006                   | 0.093                   | 0.087                      | 0.034                   |
| 7/08/2019               | Monday                    | 0.103             | 1.05            | 0.00                      | 0.00               | 0.40               | 4.54               | 4.14                      | 2.50               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.264                   | 0.261                      | 0.104                   |
| 7/09/2019               | Tuesday                   | 0.037             | 0.00            | 0.00                      | 0.00               | 0.44               | 2.62               | 2.17                      | 1.57               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.092                   | 0.089                      | 0.037                   |
| 7/10/2019               | Wednesday                 | 0.027             | 0.00            | 0.00                      | 0.00               | 0.31               | 2.28               | 1.97                      | 1.29               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.071                   | 0.070                      | 0.027                   |
| 7/11/2019               | Thursday                  | 0.053             | 0.26            | 0.00                      | 0.00               | 0.36               | 3.27               | 2.91                      | 1.79               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.141                   | 0.139                      | 0.053                   |
| 7/12/2019               | Friday                    | 0.034             | 0.00            | 0.00                      | 0.00               | 0.57               | 2.78               | 2.21                      | 1.51               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.005                   | 0.103                   | 0.098                      | 0.034                   |
| 7/13/2019               | Saturday                  | 0.028             | 0.00            | 0.00                      | 0.00               | 0.34               | 2.35               | 2.00                      | 1.30               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.075                   | 0.073                      | 0.028                   |
| 7/14/2019               | Sunday                    | 0.027             | 0.00            | 0.00                      | 0.00               | 0.39               | 2.44               | 2.05                      | 1.29               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.081                   | 0.078                      | 0.027                   |
| 7/15/2019               | Monday                    | 0.028             | 0.00            | 0.00                      | 0.00               | 0.38               | 2.53               | 2.16                      | 1.31               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.087                   | 0.085                      | 0.028                   |
| 7/16/2019               | Tuesday                   | 0.030             | 0.00            | 0.00                      | 0.00               | 0.55               | 2.50               | 1.95                      | 1.37               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.005                   | 0.085                   | 0.080                      | 0.030                   |
| 7/17/2019               | Wednesday                 | 0.026             | 0.41            | 0.00                      | 0.00               | 0.41               | 2.31               | 1.90                      | 1.29               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.073                   | 0.070                      | 0.026                   |
| 7/18/2019               | Thursday                  | 0.029             | 0.00            | 0.00                      | 0.00               | 0.39               | 2.84               | 2.45                      | 1.30               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.108                   | 0.106                      | 0.029                   |
| 7/19/2019               | Friday                    | 0.027             | 0.00            | 0.00                      | 0.00               | 0.37               | 2.26               | 1.89                      | 1.28               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.070                   | 0.068                      | 0.027                   |
| 7/20/2019               | Saturday                  | 0.028             | 0.00            | 0.00                      | 0.00               | 0.34               | 2.54               | 2.20                      | 1.32               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.088                   | 0.086                      | 0.028                   |
| 7/21/2019               | Sunday                    | 0.026             | 0.00            | 0.00                      | 0.00               | 0.39               | 2.16               | 1.77                      | 1.26               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.064                   | 0.062                      | 0.026                   |
| 7/22/2019               | Monday                    | 0.027             | 0.18            | 0.00                      | 0.00               | 0.37               | 2.45               | 2.08                      | 1.30               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.082                   | 0.079                      | 0.027                   |
| 7/23/2019               | Tuesday                   | 0.031             | 0.58            | 0.00                      | 0.00               | 0.39               | 3.19               | 2.80                      | 1.38               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.135                   | 0.132                      | 0.031                   |
| 7/24/2019               | Wednesday                 | 0.029             | 0.00            | 0.00                      | 0.00               | 0.36               | 2.58               | 2.21                      | 1.33               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.090                   | 0.088                      | 0.029                   |
| 7/25/2019               | Thursday                  | 0.031             | 0.00            | 0.00                      | 0.00               | 0.35               | 2.69               | 2.34                      | 1.37               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.097                   | 0.095                      | 0.031                   |
| 7/26/2019               | Friday                    | 0.030             | 0.00            | 0.00                      | 0.00               | 0.36               | 2.37               | 2.01                      | 1.36               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.077                   | 0.075                      | 0.030                   |
| 7/27/2019               | Saturday                  | 0.028             | 0.00            | 0.00                      | 0.00               | 0.37               | 2.34               | 1.97                      | 1.30               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.075                   | 0.073                      | 0.028                   |
| 7/28/2019               | Sunday                    | 0.028             | 0.00            | 0.00                      | 0.00               | 0.37               | 2.41               | 2.04                      | 1.32               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.079                   | 0.077                      | 0.028                   |
| 7/29/2019               | Monday                    | 0.029             | 0.00            | 0.00                      | 0.00               | 0.40               | 2.65               | 2.25                      | 1.34               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.095                   | 0.092                      | 0.029                   |
| 7/30/2019               | Tuesday                   | 0.028             | 0.02            | 0.00                      | 0.00               | 0.36               | 2.42               | 2.06                      | 1.32               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.080                   | 0.077                      | 0.028                   |
| 7/31/2019               | Wednesday                 | 0.030             | 0.00            | 0.00                      | 0.00               | 0.43               | 2.62               | 2.20                      | 1.40               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.093                   | 0.090                      | 0.030                   |
| 8/01/2019               | Thursday                  | 0.031             | 0.00            | 0.00                      | 0.00               | 0.46               | 2.97               | 2.52                      | 1.39               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.118                   | 0.114                      | 0.031                   |
| 8/02/2019               | Friday                    | 0.032             | 0.00            | 0.00                      | 0.00               | 0.60               | 3.16               | 2.57                      | 1.41               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.006                   | 0.133                   | 0.127                      | 0.032                   |
| 8/03/2019               | Saturday                  | 0.028             | 0.00            | 0.00                      | 0.00               | 0.37               | 2.40               | 2.03                      | 1.31               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.078                   | 0.076                      | 0.028                   |
| 8/04/2019               | Sunday                    | 0.029             | 0.00            | 0.00                      | 0.00               | 0.35               | 2.58               | 2.23                      | 1.33               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.002                   | 0.090                   | 0.088                      | 0.029                   |
| 8/05/2019               | Monday                    | 0.029             | 0.00            | 0.00                      | 0.00               | 0.40               | 3.49               | 3.09                      | 1.34               | 0.00                   | 0.00                   | 0.00                       | 0.00                   | 0.003                   | 0.160                   | 0.157                      | 0.029                   |

# Attachment 3

| Date of Reading<br>(m/d/y) | Day of the Week<br>(SMTWTFS) | Daily Flow (mgal)<br>Rate (mgd)     | Daily Rain (in)<br>Rate (in/day) | Maximum Rain Rate<br>(in/hr) | Maximum Surcharge<br>(in) | Minimum Depth<br>(in) | Maximum Depth<br>(in) | Min - Max Difference<br>(in) | Average Depth<br>(in) | Minimum Velocity<br>(fps) | Maximum Velocity<br>(fps) | Min - Max Difference<br>(fps) | Average Velocity<br>(fps) | Minimum Flow Rate<br>(mgd) | Maximum Flow Rate<br>(mgd) | Min - Max Difference<br>(mgd) | Average Flow Rate<br>(mgd) |
|----------------------------|------------------------------|-------------------------------------|----------------------------------|------------------------------|---------------------------|-----------------------|-----------------------|------------------------------|-----------------------|---------------------------|---------------------------|-------------------------------|---------------------------|----------------------------|----------------------------|-------------------------------|----------------------------|
| 8/06/2019                  | Tuesday                      | 0.035                               | 0.00                             | 0.00                         | 0.00                      | 0.50                  | 2.47                  | 1.97                         | 1.51                  | 0.00                      | 0.00                      | 0.00                          | 0.00                      | 0.004                      | 0.083                      | 0.079                         | 0.035                      |
| 8/07/2019                  | Wednesday                    | 0.031                               | 0.39                             | 0.00                         | 0.00                      | 0.39                  | 4.69                  | 4.30                         | 1.37                  | 0.00                      | 0.00                      | 0.00                          | 0.00                      | 0.002                      | 0.280                      | 0.277                         | 0.031                      |
| 8/08/2019                  | Thursday                     | 0.030                               | 0.00                             | 0.00                         | 0.00                      | 0.22                  | 2.44                  | 2.23                         | 1.38                  | 0.00                      | 0.00                      | 0.00                          | 0.00                      | 0.001                      | 0.081                      | 0.080                         | 0.030                      |
| 8/09/2019                  | Friday                       | 0.029                               | 0.00                             | 0.00                         | 0.00                      | 0.39                  | 2.48                  | 2.09                         | 1.35                  | 0.00                      | 0.00                      | 0.00                          | 0.00                      | 0.002                      | 0.083                      | 0.081                         | 0.029                      |
| 8/10/2019                  | Saturday                     | 0.028                               | 0.00                             | 0.00                         | 0.00                      | 0.43                  | 2.61                  | 2.19                         | 1.32                  | 0.00                      | 0.00                      | 0.00                          | 0.00                      | 0.003                      | 0.092                      | 0.089                         | 0.028                      |
| 8/11/2019                  | Sunday                       | 0.028                               | 0.00                             | 0.00                         | 0.00                      | 0.32                  | 2.48                  | 2.17                         | 1.32                  | 0.00                      | 0.00                      | 0.00                          | 0.00                      | 0.002                      | 0.084                      | 0.082                         | 0.028                      |
| 8/12/2019                  | Monday                       | 0.029                               | 0.00                             | 0.00                         | 0.00                      | 0.26                  | 2.46                  | 2.20                         | 1.33                  | 0.00                      | 0.00                      | 0.00                          | 0.00                      | 0.001                      | 0.082                      | 0.081                         | 0.029                      |
| <b>Totals:</b>             |                              | <b>1.973</b>                        | <b>5.06</b>                      |                              |                           |                       |                       |                              |                       |                           |                           |                               |                           |                            |                            |                               |                            |
| <b>Maximum:</b>            |                              | <b>0.103</b>                        |                                  | <b>0.00</b>                  | <b>0.00</b>               | <b>0.62</b>           | <b>4.79</b>           | <b>4.43</b>                  | <b>2.50</b>           | <b>0.00</b>               | <b>0.00</b>               | <b>0.00</b>                   | <b>0.00</b>               | <b>0.006</b>               | <b>0.291</b>               | <b>0.289</b>                  | <b>0.104</b>               |
| <b>Minimum:</b>            |                              | <b>0.024</b>                        |                                  |                              |                           | <b>0.22</b>           | <b>2.16</b>           | <b>1.73</b>                  | <b>1.21</b>           | <b>0.00</b>               | <b>0.00</b>               | <b>0.00</b>                   | <b>0.00</b>               | <b>0.001</b>               | <b>0.064</b>               | <b>0.062</b>                  | <b>0.024</b>               |
| <b>Average:</b>            |                              | <b>0.032</b>                        |                                  |                              |                           | <b>0.40</b>           | <b>2.67</b>           | <b>2.28</b>                  | <b>1.39</b>           | <b>0.00</b>               | <b>0.00</b>               | <b>0.00</b>                   | <b>0.00</b>               | <b>0.003</b>               | <b>0.100</b>               | <b>0.098</b>                  | <b>0.032</b>               |
|                            |                              | 31,824 gpd (Partial days excluded.) |                                  |                              |                           |                       |                       |                              |                       |                           |                           |                               |                           |                            |                            |                               |                            |





## *Water Management and Analysis Report*

### *Neighborhood 3 at Wind Crest*

*3235 Mill Vista Road  
Highlands Ranch, CO 80219*

By:





January 7, 2020

Redwood-ERC Littleton, LLC  
C/O Mr. David A. Berrien  
701 Maiden Choice Lane  
Baltimore, MD 21228

RE: Water Management and Analysis for Wind Crest Neighborhood 3

Dear Mr. Berrien,

First, thank you and the Redwood-ERC Littleton, LLC team for providing AquaSan Network, Inc. (AquaSan) the opportunity to assist the Wind Crest Neighborhood 3 development with water management. This project will be an important addition to the Highlands Ranch community by providing much-needed affordable senior housing and services. AquaSan is pleased to be of assistance to this project by analyzing empirical data regarding annual water consumption, water end uses and peak water demands, while also providing information on how the Wind Crest Neighborhood 3 development can be efficient and proactive in the management of our community's valuable water resources.

AquaSan's report is an assimilation of data collected in response to the Centennial Water and Sanitation District's (CWSD) letter dated June 7, 2004 stating, "as planning information becomes available for the remaining portions of the property, please contact us so that we may determine how the proposed development will impact the level of water and sewer service available for this planning area", and on-going discussions CWSD and Highlands Ranch Metro District (HRMD).

The outline for this report is as follows:

- Project Synopsis
- Water Management Review
- Domestic Analysis
- Water Meter Sizing and Demand Profiling
- Predictive Analytics
- Centennial Water and Sanitation District and Highlands Ranch Metro District
- Conclusion
- Exhibit A

## Project Synopsis

### Executive Summary

Through AquaSan's research, empirical analysis and custom water management program proposed for the Wind Crest Neighborhood 3 development located at 3235 Mill Vista Road in Highlands Ranch, CO 80129 (hereinafter referred to as "Neighborhood 3" or "Project"), the Project's water and wastewater demands can be greatly reduced from their historical levels. These water savings are based upon AquaSan's 35+ years of experience in water use research, review of water end use studies, recently collected water use data on similar senior living facilities, statistical analysis and implementation of the below described water management program. Under this process, AquaSan is able to determine the amount of water required to properly service Neighborhood 3 and provide facility savings for CWSD. As it is presented in this report, the following evidence supports AquaSan's conclusions: (1) developments that properly manage their water supplies will have a much smaller impact on the demand placed on CWSD's utility systems; (2) Neighborhood 3's water demands are considerably different and should not be considered akin to multifamily or single family residences by the serving utility.

### Project Description

According to the information provided to AquaSan, Neighborhood 3 will consist of five senior residential buildings and one Commons building. These building layouts are described below in Figure 1:

Figure 1: Building Layouts at Neighborhood 3

| Building Name   | Unit Count | Commercial Description                        |
|-----------------|------------|-----------------------------------------------|
| Commons 3.0     | 30         | Market, conference center, restaurant and spa |
| Residential 3.1 | 111        | NA                                            |
| Residential 3.2 | 111        | Restaurant                                    |
| Residential 3.3 | 104        | Restaurant                                    |
| Residential 3.4 | 110        | Restaurant                                    |
| Residential 3.5 | 110        | NA                                            |

If this description of Neighborhood 3 is incorrect, please notify AquaSan immediately as the water management program and recommendations are specifically designed to serve these intended uses. It should also be noted that irrigation demands are not analyzed for the Project, as Wind Crest has previously dedicated the water required to irrigate the entire Wind Crest development as part of an earlier agreement.

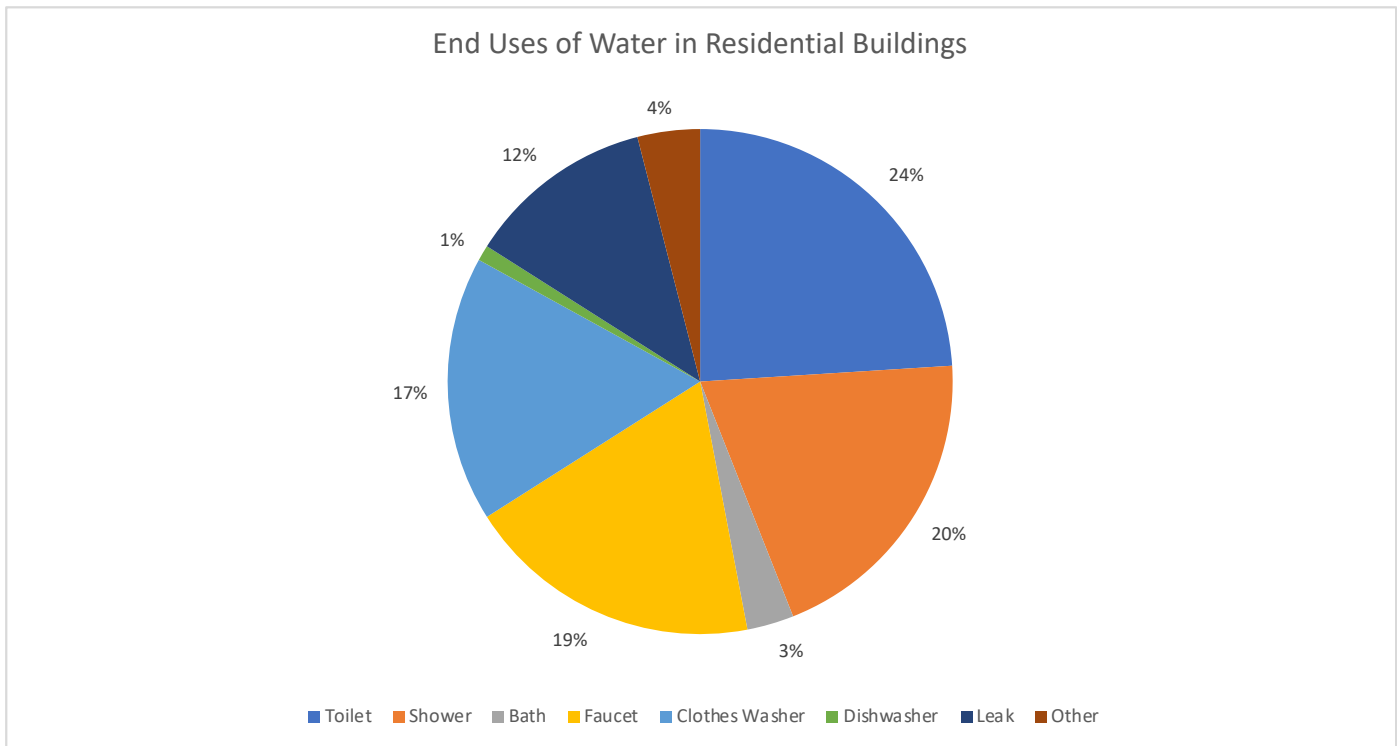
## Water Management Review

### End Uses of Water and Water Management Program

A very important part of AquaSan’s water analysis is accounting for and verifying the water savings through empirical water data collection. This empirical data results in the development of a personalized conservation program crafted for Neighborhood 3 that utilizes the best management practices available in today’s water technology, fixture and appliance market.

In reviewing water demands of residential buildings, the data collected from the American Water Works Association (AWWA) Research Foundation’s 2016 *Residential End Uses of Water: Version 2* study,<sup>1</sup> in conjunction with the Environmental Protection Agency (EPA),<sup>2</sup> detail the end uses of water by percentage for different building applications. As it pertains to Neighborhood 3, the disaggregation of residential end uses can be seen below in Figure 2:

Figure 2: End Uses of Water in Residential Buildings



<sup>1</sup> DeOreo, William B., et al. *Residential End Uses of Water, Version 2: Executive Report*. Water Research Foundation, 2016.

<sup>2</sup> <https://www.epa.gov/watersense/homes>

With this collective information about the end uses of water in residential applications, AquaSan can identify the most efficacious conservation practices to reduce Neighborhood 3's water demands through implementation of the following water management program:

## Residential

1. Water closets are tank type and have a maximum of 1.00 gallon per reduced flush and 1.28 gallons per full flush.
2. Lavatories have a maximum flow rate of 0.50 GPM or equivalent high efficiency faucet aerator.
3. Shower heads have a maximum flow rate of 2.00 GPM and a minimum of 1.70 GPM at 40 psi.
4. Kitchen sinks have a maximum flow rate of 2.00 GPM or equivalent high efficiency faucet aerator.
5. Dishwashers have a maximum flow rate of 2.00 GPM, with a maximum of 4.00 gallons per normal cycle.
6. Clothes washers have a maximum flow rate of 3.50 GPM and are certified Tier 2 by Consortium for Energy Efficiency (CEE).
7. Mop service and utility sinks have a maximum flow rate of 2.50 GPM.
8. Hot water is available within 10 seconds to any fixture.
9. Installation of Advanced Metering Infrastructure (AMI) on each water meter that provides real-time water flow monitoring at no more than 5-minute intervals, advanced leak detection and shutoff system.
10. All water using fixtures and/or aerators have an equal or better rating than *ENERGY STAR* and/or *WaterSense*.

## Commercial

1. Water closets are tank type or flushometer-valve and have a maximum of 1.00 gallon per reduced flush and 1.28 gallons per full flush with water sensor shutoff.
2. Urinals have a maximum of 0.125 gallons per flush with water sensor shutoff.
3. Lavatories have a maximum flow rate of 0.50 GPM or equivalent high efficiency faucet aerator and water sensor shutoff.
4. Shower heads have a maximum flow rate of 2.00 GPM and a minimum of 1.70 GPM at 40 psi.
5. Kitchen sinks have a maximum flow rate of 2.00 GPM or equivalent high efficiency faucet aerator.
6. Pre-rinse spray valves have a maximum flow rate of 1.00 GPM.
7. Dishwashers have a maximum flow rate of 2.00 GPM, with a maximum of 4.00 gallons per normal cycle.
8. Clothes washers have a maximum flow rate of 3.50 GPM and are certified Tier 2 by Consortium for Energy Efficiency (CEE).
9. Mop service and utility sinks have a maximum flow rate of 2.50 GPM.
10. Hot water is available within 10 seconds to any fixture.
11. Installation of Advanced Metering Infrastructure (AMI) on each water meter that provides real-time water flow monitoring at no more than 5-minute intervals, advanced leak detection and shutoff system.
12. Steam cookers, ice machines and freezers are air cooled.
13. All water using fixtures and/or aerators have an equal or better rating than *ENERGY STAR* and/or *WaterSense*.
14. Cooling towers must operate at greater than 6 cycles of concentration and be operated by a conductivity controller.

## Landscape

1. All landscape irrigation is supplied by non-potable water sources.
2. Installation of Advanced Metering Infrastructure (AMI) on irrigation water meter that meets "Smart Irrigation Controllers" as defined by the Irrigation Association.
3. Installation of environmental sensors that coordinate irrigation system usage during dry and wet weather.





## Attachment 3

Using the above fixtures and management practices (see Exhibit A for several examples), Neighborhood 3 will benefit from a significant reduction in indoor potable water consumption by a minimum of 25% from standard fixtures and practices as demonstrated by the gallons/capita/day (GCD) values in Figure 3 below:

Figure 3: Standard Indoor Water Usage Compared AquaSan's Efficient Indoor Water Usage

| Fixture              | Standard Usage (GCD) <sup>3</sup>                           | AquaSan Efficient Usage (GCD) |
|----------------------|-------------------------------------------------------------|-------------------------------|
| Water Closet         | 14.06                                                       | 8.90                          |
| Shower               | 11.72                                                       | 10.80                         |
| Bath                 | 1.76                                                        | 1.50                          |
| Faucet               | 11.13                                                       | 8.60                          |
| Clothes Washer       | 9.96                                                        | 8.50                          |
| Dishwasher           | 0.59                                                        | 0.40                          |
| Leak                 | 7.03                                                        | 1.20                          |
| Other                | 2.34                                                        | 2.00                          |
| <b>Total</b>         | <b>58.60</b>                                                | <b>41.90</b>                  |
| <b>GCD Reduction</b> | <b><math>(58.26 - 41.90)/58.60 * 100\% = 28.50\%</math></b> |                               |

<sup>3</sup> DeOreo, William B., et al. *Residential End Uses of Water, Version 2: Executive Report*. Water Research Foundation, 2016.

## Domestic Analysis

### Residential Domestic Usage

In order to determine accurate residential domestic water usage rates for Neighborhood 3 using the prescribed water management program, AquaSan applied the efficient usage benchmark of 41.90 GCD to each senior living unit using their historical occupancy of rate of 1.1 persons per unit. Based on these data, AquaSan can determine baseline domestic water usage for Neighborhood 3, which is shown below in Figure 4:

Figure 4: Residential Domestic Water Usage Projection for Neighborhood 3

| Residence Type  | Unit Count | Capita     | GCD       | Annual Consumption (Gal) | Annual Consumption (Acre-Feet) |
|-----------------|------------|------------|-----------|--------------------------|--------------------------------|
| Commons 3.0     | 30         | 33         | 41.90     | 504,686                  | 1.55                           |
| Residential 3.1 | 111        | 122        | 41.90     | 1,867,336                | 5.73                           |
| Residential 3.2 | 111        | 122        | 41.90     | 1,867,336                | 5.73                           |
| Residential 3.3 | 104        | 114        | 41.90     | 1,749,576                | 5.37                           |
| Residential 3.4 | 110        | 121        | 41.90     | 1,850,514                | 5.68                           |
| Residential 3.5 | 110        | 121        | 41.90     | 1,850,514                | 5.68                           |
| <b>Total</b>    | <b>576</b> | <b>634</b> | <b>NA</b> | <b>9,689,962</b>         | <b>29.74</b>                   |

### Commercial Domestic Usage

Commercial domestic demand is a more difficult metric to measure as water usage varies significantly based on the type of commercial building. In order to determine representative measurements for commercial domestic water usage, AquaSan collected water consumption bills from Wind Crest buildings with similar end uses. As it pertains to Neighborhood 3, the Parry Landing building at Wind Crest possessed nearly identical end uses with its residential units and full service restaurant/pub, office space, spa and salon. The monthly water bills for Parry Landing are shown below in Figure 5:

Figure 5: Monthly Domestic Water Usage at Parry Landing

| Month          | Total Gallons  | Gal/Day      | Gal/Day/Unit  | GCD          |
|----------------|----------------|--------------|---------------|--------------|
| August         | 172,000        | 5,548.39     | 74.98         | 59.98        |
| September      | 170,000        | 5,312.50     | 71.79         | 57.43        |
| October        | 167,000        | 5,387.10     | 72.80         | 58.24        |
| November       | 228,000        | 8,142.86     | 110.04        | 88.03        |
| December       | 267,000        | 8,343.75     | 112.75        | 90.20        |
| January        | 262,000        | 8,451.61     | 114.21        | 91.37        |
| February       | 214,000        | 7,925.93     | 107.11        | 85.69        |
| March          | 302,000        | 8,882.35     | 120.03        | 96.03        |
| April          | 217,000        | 8,037.04     | 108.61        | 86.89        |
| May            | 286,000        | 9,225.81     | 124.67        | 99.74        |
| June           | 291,000        | 9,093.75     | 122.89        | 98.31        |
| July           | 207,000        | 7,137.93     | 96.46         | 77.17        |
| <b>Average</b> | <b>226,769</b> | <b>7,491</b> | <b>101.23</b> | <b>82.42</b> |

The above table demonstrates a total average consumption of 82.42 GCD. When compared to the average residential domestic consumption of 58.60 GCD as determined by the AWWA, commercial usage at Wind Crest adds approximately 25.82 GCD to the total water demand. Using the empirical data obtained from the water bills and the efficiency of a water management program, AquaSan is now able to accurately project the total annual water usage for Neighborhood 3.

## Total Domestic Usage

Figure 6 below shows the additional 25.82 GCD usage for the Neighborhood 3 buildings that have commercial applications; however, AquaSan also includes a 15% contingency factor to allow flexibility in design changes or temporary increased unit density, resulting in an annual water consumption that totals 47.19 acre-feet:

Figure 6: Total Domestic Water Usage Projection for Neighborhood 3

| Residence Type  | Unit Count | Capita     | GCD (+ commercial and 15% cont.) | Annual Consumption (Gal) | Annual Consumption (Acre-Feet) |
|-----------------|------------|------------|----------------------------------|--------------------------|--------------------------------|
| Commons 3.0     | 30         | 33         | 77.88                            | 938,041                  | 2.88                           |
| Residential 3.1 | 111        | 122        | 48.19                            | 2,147,437                | 6.59                           |
| Residential 3.2 | 111        | 122        | 77.88                            | 3,470,750                | 10.65                          |
| Residential 3.3 | 104        | 114        | 77.88                            | 3,251,874                | 9.98                           |
| Residential 3.4 | 110        | 121        | 77.88                            | 3,439,482                | 10.56                          |
| Residential 3.5 | 110        | 121        | 48.19                            | 2,128,091                | 6.53                           |
| <b>Total</b>    | <b>576</b> | <b>634</b> | <b>NA</b>                        | <b>15,375,673</b>        | <b>47.19</b>                   |

## Domestic Usage Data Validation

In order to validate the domestic annual water rates projected for Neighborhood 3 above, AquaSan reviewed nearly two years of water bills at the current Wind Crest buildings. The water usage recorded, along with descriptions of the commercial areas served, are detailed below in Figure 7:

Figure 7: Domestic Water Usage Validation Buildings at Wind Crest

| Residence Type                                 | Unit Count | Capita | Commercial Description                                                                                                    | Average Gal/Day | GCD   |
|------------------------------------------------|------------|--------|---------------------------------------------------------------------------------------------------------------------------|-----------------|-------|
| CB 1.0 Clubhouse                               | NA         | NA     | Kitchen and dining areas; wellness area; employee lounge, salon; fitness center; convenience store and market             | 10,676          | NA    |
| CB 2.0 Highline Overlook                       | 30         | 33     | Stage and stadium seating; full service restaurant and pub area; community and meeting areas                              | 2,132           | 64.61 |
| RB 1.1 Cottonwood Ct & RB 1.2 Bluespruce Ridge | 270        | 297    | None                                                                                                                      | 14,206          | 47.83 |
| RB 1.3 Evergreen Crossing RB 1.4 Aspen Terrace | 309        | 340    | None                                                                                                                      | 19,051          | 56.05 |
| RB 2.1 McHenry's Crossing                      | 102        | 112    | Kitchen and dining areas; public use areas; café and café bar                                                             | 9,866           | 87.93 |
| RB 2.2 Parry's Landing                         | 74         | 81     | Full service restaurant and pub area; employee lounge; commercial office and reception; laundry facilities; spa and salon | 7,491           | 82.42 |
| RB 2.3 Longs Ridge                             | 99         | 109    | Kitchen and dining areas; classroom; creative arts                                                                        | 5,343           | 49.06 |
| Mill Vista Lodge                               | 80         | 88     | Various commercial amenities                                                                                              | 6,903           | 78.44 |

- *Observed Average GCD for Residential Buildings:  $(47.83 \text{ GCD} + 56.05 \text{ GCD}) / 2 = 51.94 \text{ GCD}$*
- *Observed Average GCD for Residential/Commercial Buildings:  $(64.61 \text{ GCD} + 87.93 \text{ GCD} + 82.42 \text{ GCD} + 49.06 \text{ GCD} + 78.44 \text{ GCD}) / 5 = 72.49 \text{ GCD}$*

AquaSan's projection of 48.19 GCD and 77.88 GCD (weighted average of 73.13 GCD) for the residential and the residential/commercial buildings compares very similarly to the observed usage at Wind Crest of 51.95 GCD and 72.49 GCD (weighted average of 71.36 GCD). It should also be noted that the current Wind Crest buildings do not conform to AquaSan's water management program; therefore, the Neighborhood 3 projections appear conservative when considering the potential water savings from implementation of such plan. Associating actual water usage data from Wind Crest with AquaSan's projections for Neighborhood 3 validates the correctness of the values used for determining the new Project's water consumption.

## Water Meter Sizing and Demand Profiling

### AWWA Meter Sizing Methodology

One of the key considerations of sizing water meters is that the meter must be sized to meet the peak continuous and instantaneous water demands of the building. Another way of expressing this concept is that the water meter can reach or exceed its continuous design capacity of the meter less than 1% of the time (displayed as the 99<sup>th</sup> percentile flow), but never the instantaneous or “intermittent” demand capacity of the meter (displayed as the maximum flow). Currently, the AWWA M22 Manual recognizes two methods for determining these demands and corresponding meter sizes: the Fixture Value method and the Demand Profiling method.

Although the Fixture Value method has been predominantly used for its convenience since the 1940s, when Roy Hunter first developed the “Hunter Curve,” it bases its calculations on large contingencies that overestimate peak demands. As such, the AWWA has placed greater emphasis on developing techniques that are better suited to project peak demands in new developments, such as the Demand Profiling method.<sup>4</sup> The M22 Manual states,

*“Demand profiles generated from existing accurate water meters are uniquely valuable, because a water meter represents the most precise means to measure potable water use...Flow recorders have been used to size meters since the 1930s, and although the technology has changed a great deal since then, recorders remain the most accurate meter sizing methodology when an accurate meter exists from which to record. Alternative methods to gauge water use, such as pipe size or fixture count, do not provide the actual usage patterns that are essential for determining the ideal meter type and size.”<sup>5</sup>*

As referenced above, the most accurate water meter sizes are determined using the Demand Profiling method, which collects high resolution empirical water demand data using flow recorders, also known as “data loggers.” This process of sizing water services, however, is much more time consuming and requires years of data collection that AquaSan has amassed over decades of monitoring efforts. Using our proprietary data, AquaSan employed the AWWA endorsed Demand Profiling method to determine accurate water meter sizes for the Neighborhood 3 buildings by collecting flow trace data that identified peak water demands and overall usage from similar Wind Crest buildings. These flow traces were acquired using data loggers that were attached to the buildings’ water meters and set to record water flow through the meters at the recommended 10-second interval resolution. Once the monitoring periods were complete, the data from the loggers were reviewed for accuracy by comparing the actual meter reads and then input into AquaSan’s software for statistical analysis. In addition to the flow data, information was also obtained from site visits, water billing statements, fixture reviews and information exchanges with the building managers on the occupancy and water use patterns of the buildings. These empirical data were matched with Neighborhood 3’s end uses and used in conjunction with AquaSan’s research and analytics to form the basis for our peak water demand projections.

### Empirical Data Collection

Figure 8A displays the basic information about each of the three properties AquaSan selected as being the most akin to the Neighborhood 3 buildings, to include the Fixture Values and water meters used in each building.

<sup>4</sup> Mayer, Peter W., et al. *Sizing Water Service Lines and Meters*. 3rd ed., American Water Works Association, 2014. Page 30.

<sup>5</sup> Mayer, Peter W., et al. *Sizing Water Service Lines and Meters*. 3rd ed., American Water Works Association, 2014. Pages 13-14.



Figure 8A: Data Logging Information from Monitored Properties in Comparison with Neighborhood 3

| Building Name                   | Highline Overlook<br>30 Units        | McHenry's Crossing<br>102 Units | Parry Landing<br>74 Units             | Neighborhood 3<br>Commons                 | Neighborhood 3<br>Residences |
|---------------------------------|--------------------------------------|---------------------------------|---------------------------------------|-------------------------------------------|------------------------------|
| Total Units                     | 30                                   | 102                             | 74                                    | 30                                        | 104 – 111                    |
| Occupied Units                  | 30                                   | 98                              | 73                                    | Projected<br>30                           | Projected<br>104 – 111       |
| Percent Occupancy               | 100.00%                              | 96.08%                          | 98.65%                                | Projected<br>100.00%                      | Projected<br>100.00%         |
| Commercial Areas                | Conference, stage,<br>restaurant/pub | Cafeteria, café                 | Restaurant/pub,<br>office, spa, salon | Conference,<br>restaurant, market,<br>spa | Restaurant                   |
| Fixture Value (M22)             | 883                                  | 2,506                           | 1,878                                 | 900                                       | 2,500 – 2,800                |
| Meter Make / Model              | Sensus Omi C2                        | Sensus Omi C2                   | Sensus Omi C2                         | NA                                        | NA                           |
| Meter<br>Size (in)              | 3"                                   | 3"                              | 3"                                    | Projected<br>2"                           | Projected<br>2"              |
| Peak Continuous<br>Flow (GPM)   | 14.00                                | 30.05                           | 22.80                                 | Projected<br>18.43                        | Projected<br>37.11 – 39.61   |
| Peak Intermittent<br>Flow (GPM) | 36.00                                | 38.64                           | 32.00                                 | Projected<br>54.94                        | Projected<br>69.48 – 74.16   |

## Peak Continuous and Intermittent Demands

The first level of analysis involved is examination of the overall daily and hourly peak continuous and intermittent flows in gallons per minute (GPM). These flow profiles are important from the standpoint of comparing values across different buildings, as well as estimating the peak water demands and designing a water management program that would be effective in reducing these demands depending on their occurrence. Figures 8B – 8E show a summary of these daily and hourly demands at each building in table and graph form:

Figure 8B: Overall Daily Peak Continuous & Intermittent Flows in GPM

| Day       | Highline Overlook<br>30 Units |         | McHenry's Crossing<br>102 Units |         | Parry Landing<br>74 Units |         |
|-----------|-------------------------------|---------|---------------------------------|---------|---------------------------|---------|
| -         | 99 <sup>th</sup> GPM          | Max GPM | 99 <sup>th</sup> GPM            | Max GPM | 99 <sup>th</sup> GPM      | Max GPM |
| Sunday    | 9.00                          | 18.00   | 24.47                           | 32.20   | 16.00                     | 32.00   |
| Monday    | 11.14                         | 21.00   | 22.54                           | 32.20   | 17.53                     | 30.00   |
| Tuesday   | 13.50                         | 24.00   | 19.32                           | 25.76   | 16.00                     | 30.00   |
| Wednesday | 9.00                          | 24.00   | 22.54                           | 38.64   | 18.00                     | 30.00   |
| Thursday  | 10.80                         | 36.00   | 19.32                           | 25.76   | 18.00                     | 24.00   |
| Friday    | 9.00                          | 18.00   | 27.37                           | 38.64   | 18.00                     | 24.00   |
| Saturday  | 10.92                         | 18.00   | 19.32                           | 31.13   | 19.81                     | 30.00   |
| Peak Day  | 13.50                         | 36.00   | 27.37                           | 38.64   | 19.81                     | 32.00   |

Figure 8C: Overall Daily Peak Continuous & Intermittent Flows in GPM

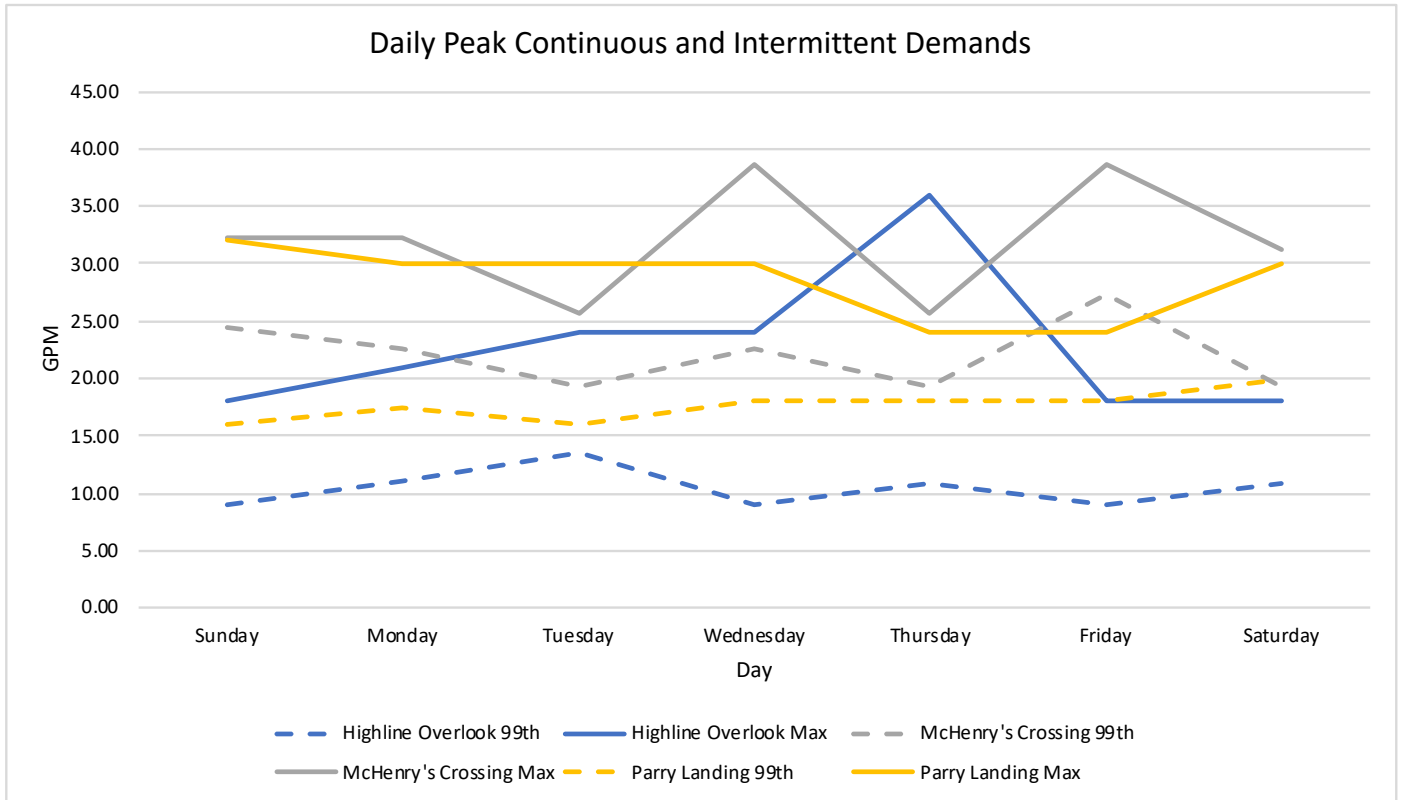
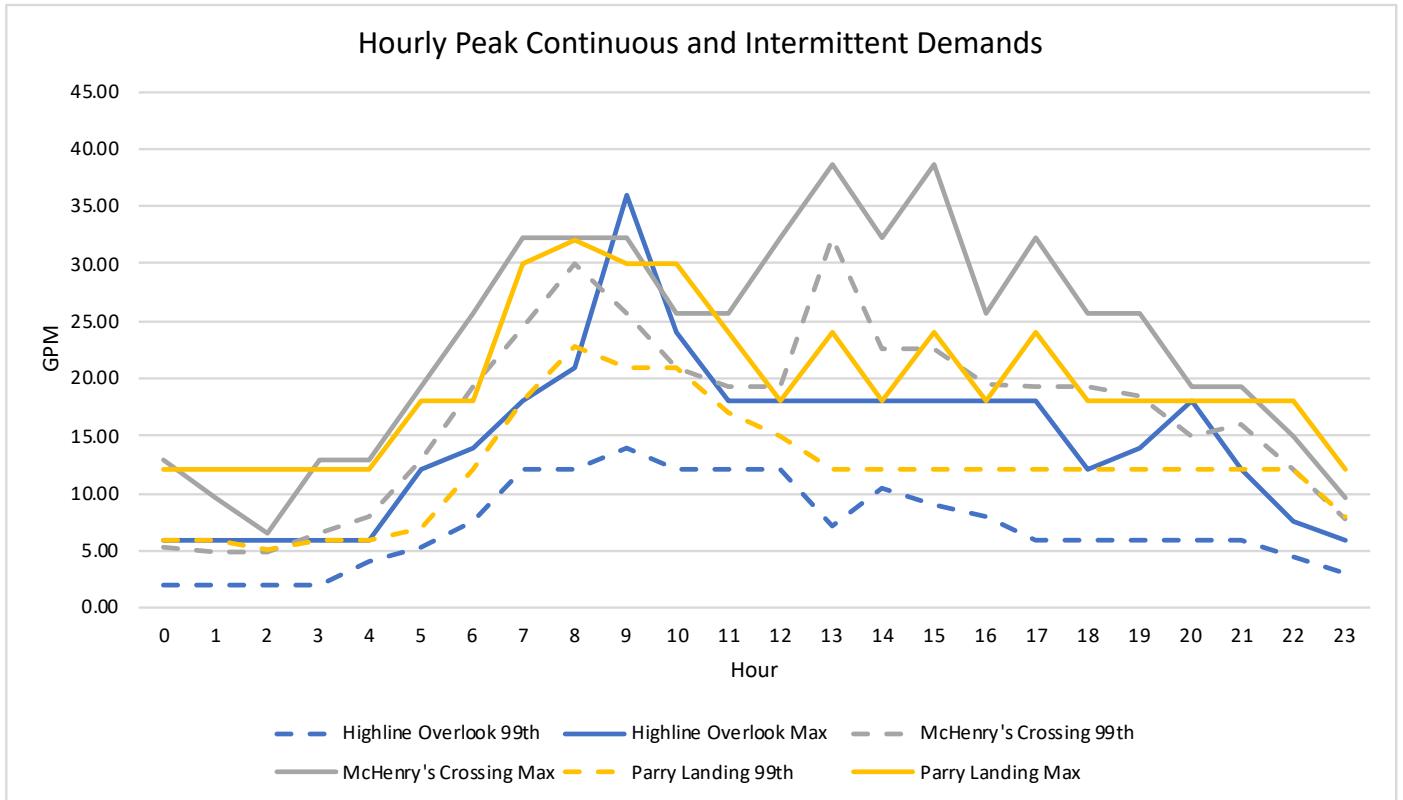


Figure 8D: Overall Hourly Peak Continuous & Intermittent Flows in GPM

| Hour             | Highline Overlook<br>30 Units |              | McHenry's Crossing<br>102 Units |              | Parry Landing<br>74 Units |              |
|------------------|-------------------------------|--------------|---------------------------------|--------------|---------------------------|--------------|
|                  | 99 <sup>th</sup> GPM          | Max GPM      | 99 <sup>th</sup> GPM            | Max GPM      | 99 <sup>th</sup> GPM      | Max GPM      |
| -                |                               |              |                                 |              |                           |              |
| 0                | 2.00                          | 6.00         | 5.37                            | 12.88        | 6.00                      | 12.00        |
| 1                | 2.00                          | 6.00         | 4.83                            | 9.66         | 6.00                      | 12.00        |
| 2                | 2.00                          | 6.00         | 4.83                            | 6.44         | 5.00                      | 12.00        |
| 3                | 2.00                          | 6.00         | 6.44                            | 12.88        | 6.00                      | 12.00        |
| 4                | 4.00                          | 6.00         | 8.05                            | 12.88        | 6.00                      | 12.00        |
| 5                | 5.25                          | 12.00        | 12.88                           | 19.32        | 6.86                      | 18.00        |
| 6                | 7.50                          | 14.00        | 19.32                           | 25.76        | 12.00                     | 18.00        |
| 7                | 12.00                         | 18.00        | 24.47                           | 32.20        | 18.00                     | 30.00        |
| 8                | 12.01                         | 21.00        | 30.05                           | 32.20        | 22.80                     | 32.00        |
| 9                | 14.00                         | 36.00        | 25.76                           | 32.20        | 21.00                     | 30.00        |
| 10               | 12.00                         | 24.00        | 20.86                           | 25.76        | 21.00                     | 30.00        |
| 11               | 12.00                         | 18.00        | 19.32                           | 25.76        | 17.00                     | 24.00        |
| 12               | 12.00                         | 18.00        | 19.32                           | 32.20        | 15.00                     | 18.00        |
| 13               | 7.20                          | 18.00        | 32.20                           | 38.64        | 12.00                     | 24.00        |
| 14               | 10.50                         | 18.00        | 22.54                           | 32.20        | 12.00                     | 18.00        |
| 15               | 9.00                          | 18.00        | 22.54                           | 38.64        | 12.00                     | 24.00        |
| 16               | 8.00                          | 18.00        | 19.60                           | 25.76        | 12.00                     | 18.00        |
| 17               | 6.00                          | 18.00        | 19.32                           | 32.20        | 12.00                     | 24.00        |
| 18               | 6.00                          | 12.00        | 19.32                           | 25.76        | 12.00                     | 18.00        |
| 19               | 6.00                          | 14.00        | 18.40                           | 25.76        | 12.00                     | 18.00        |
| 20               | 6.00                          | 18.00        | 15.03                           | 19.32        | 12.00                     | 18.00        |
| 21               | 6.00                          | 12.00        | 16.10                           | 19.32        | 12.00                     | 18.00        |
| 22               | 4.50                          | 7.50         | 12.15                           | 15.03        | 12.00                     | 18.00        |
| 23               | 3.00                          | 6.00         | 7.73                            | 9.66         | 8.00                      | 12.00        |
| <b>Peak Hour</b> | <b>14.00</b>                  | <b>36.00</b> | <b>30.05</b>                    | <b>38.64</b> | <b>22.80</b>              | <b>32.00</b> |

Figure 8E: Overall Hourly Peak Continuous & Intermittent Flows in GPM



Figures 8A – 8D demonstrate that cross referencing the peak flows in the daily and hourly time frames ensures that the most accurate and maximum peak water uses are identified for meter sizing. These recorded peak demand numbers are approaching the information needed for sizing the water meters at the Neighborhood 3 buildings, but they are still incomplete without accounting for the risk analysis simulations described in the next section.

## Predictive Analytics

### Monte Carlo Simulation

In order to verify the possibility of water flows exceeding the observed values for the three properties monitored, a statistical projection analysis tool, known as a *Monte Carlo Simulation*, was performed on each building's peak data. The purpose of a Monte Carlo Simulation is to model the probability of results (in this case, peak GPM values) while accounting for risk and uncertainty in the recorded values. Before the simulations were conducted, the daily peak flow rates were disaggregated from the data and tested for normality using the Shapiro-Wilk Test ( $\alpha = 0.05$ ). Once AquaSan concluded that the data were normally distributed, the simulations were conducted with 100,000 iterations of randomly generated numbers following each building's specific flow parameters. If the data from a building were not normally distributed, the peak demands were calculated with an additional 10% increase to account for right tailed skewness. The results of these statistical tests and simulations are displayed below in Figures 9A and 9B:

Figure 9A: Monte Carlo Simulation Results for Peak Continuous Flow

| Statistical Measurement              | Highline Overlook<br>30 Units | McHenry's Crossing<br>102 Units | Parry Landing<br>74 Units |
|--------------------------------------|-------------------------------|---------------------------------|---------------------------|
| Mean (GPM)                           | 10.48                         | 22.13                           | 17.62                     |
| Standard Dev (GPM)                   | 1.65                          | 3.08                            | 1.32                      |
| Shapiro-Wilk Test Statistic          | 0.84                          | 0.87                            | 0.89                      |
| Associated p-value                   | 0.12                          | 0.20                            | 0.28                      |
| Distribution Factor                  | No                            | No                              | No                        |
| Simulated Peak Continuous Flow (GPM) | 18.43                         | 34.97                           | 23.44                     |

Figure 9B: Monte Carlo Simulation Results for Peak Intermittent Flow

| Statistical Measurement                | Highline Overlook<br>30 Units | McHenry's Crossing<br>102 Units | Parry Landing<br>74 Units |
|----------------------------------------|-------------------------------|---------------------------------|---------------------------|
| Mean (GPM)                             | 22.71                         | 32.20                           | 28.57                     |
| Standard Dev (GPM)                     | 6.45                          | 5.27                            | 3.21                      |
| Shapiro-Wilk Test Statistic            | 0.77                          | 0.87                            | 0.75                      |
| Associated p-value                     | 0.03                          | 0.23                            | 0.02                      |
| Distribution Factor                    | Yes (+10%)                    | No                              | Yes (+10%)                |
| Simulated Peak Intermittent Flow (GPM) | 54.94                         | 63.39                           | 48.77                     |

As derivative from the tables above, The Monte Carlo Simulations are useful in providing an overarching representation of possible peak demands when using risk generated flow data derived from the mean and standard deviation. Using the results generated from these simulations, as well as the initial recorded data, AquaSan is now able to confidently project the peak water demands at the Neighborhood 3 buildings.



## Neighborhood 3 Peak Demand Projections

AquaSan's simulated peak demand projections for the Neighborhood 3 buildings are established by formulating peak demands as they correspond to the number of occupied units for each property. These values are expressed as a ratio of continuous and intermittent peak demands to occupied units and are displayed below in Figure 10. AquaSan uses the values established from the Monte Carlo Simulations to project the uppermost limits of these ratios to ensure flows will not exceed the recommended meter requirements:

Figure 10: Simulated Peak Demands from Monitored Properties

| Building Name                                | Highline Overlook<br>30 Units | McHenry's Crossing<br>102 Units | Parry Landing<br>74 Units |
|----------------------------------------------|-------------------------------|---------------------------------|---------------------------|
| Total Units                                  | 30                            | 102                             | 74                        |
| Occupied Units                               | 30                            | 98                              | 73                        |
| Percent Occupancy                            | 100.00%                       | 96.08%                          | 98.65%                    |
| Simulated Peak Continuous Demand (GPM)       | 18.43                         | 34.97                           | 23.44                     |
| Peak Continuous Demand per Unit (GPM/Unit)   | $6.14 \times 10^{-1}$         | $3.57 \times 10^{-1}$           | $3.21 \times 10^{-1}$     |
| Simulated Peak Intermittent Demand (GPM)     | 54.94                         | 63.39                           | 48.77                     |
| Peak Intermittent Demand per Unit (GPM/Unit) | 1.83                          | $6.47 \times 10^{-1}$           | $6.68 \times 10^{-1}$     |

Of the three properties monitored, the maximum peak continuous and intermittent demands per unit equated to  $6.14 \times 10^{-1}$  GPM/unit and 1.83 GPM/unit respectively for the commercial building and  $3.57 \times 10^{-1}$  GPM/unit and  $6.68 \times 10^{-1}$  GPM /unit respectively for the residential buildings. Applying these values to the appropriate building layouts in Neighborhood 3 results in AquaSan's peak demand projections as calculated below in Figure 11:

Figure 11: Simulated Peak Demands from Monitored Properties

| Residence Type  | Unit Count | Peak Continuous Demand (GPM) | Peak Intermittent Demand (GPM) |
|-----------------|------------|------------------------------|--------------------------------|
| Commons 3.0     | 30         | 18.43                        | 54.94                          |
| Residential 3.1 | 111        | 39.61                        | 74.16                          |
| Residential 3.2 | 111        | 39.61                        | 74.16                          |
| Residential 3.3 | 104        | 37.11                        | 69.48                          |
| Residential 3.4 | 110        | 39.25                        | 73.49                          |
| Residential 3.5 | 110        | 39.25                        | 73.49                          |

According to Table 6-1 in the AWWA M22 Manual, a 2" Turbine Class II water meter is required to have a high normal flow rate (continuous capacity) of at least 160 GPM and a maximum flow rate (intermittent capacity) of at least 190 GPM,<sup>6</sup> though most meter manufactures exceed these demand requirements – for example, a 2" Badger

<sup>6</sup> Mayer, Peter W., et al. *Sizing Water Service Lines and Meters*. 3rd ed., American Water Works Association, 2014. Page 70.

Recordall Turbo water meter has a continuous capacity of 200 GPM and an intermittent capacity of 310 GPM.<sup>7</sup> Based on these water meter standards and the calculated peak demands above, **it is evident that a 2" water meter will fully meet all of the water demands for each building in Neighborhood 3.** However, it should be noted that most municipality engineering standards restrict continuous velocities to 10 feet per second, which results in a continuous demand capacity of 97.90 GPM for a 2" water meter; the maximum continuous flow rate calculations for each Neighborhood 3 building also fall within this standard.

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<sup>7</sup> <https://www.badgermeter.com/resources/7a583d27-65f0-4d0b-ae86-76768ebd932b/recordall%20turbo%20series%20meters%20-%20models%20160%20200%20450%201000%202000%203500%205500%206200%20product%20data%20sheet%20rts-ds-00320-en.pdf/>

## *Centennial Water and Sanitation District and Highlands Ranch Metro District*

### **Overview**

CWSD/HRMD are the serving authorities for water resources and tap fees associated with Neighborhood 3. In CWSD's letter dated June 7, 2004, they indicated that "the total of 546 SFEs for the entire planning will be reduced by the impact of the Erickson CRCC project. **As planning information becomes available for the remaining portions of the property, please contact us so that we may determine how the proposed development will impact the level of water and sewer service available for this planning area** [emphasis added]."

This letter invited the Wind Crest team to collect and share information with CWSD/HRMD to determine the level of impact caused by the proposed Neighborhood 3 buildings on CWSD/HRMD's water and sewer system. Presumably, if the empirical data demonstrated more water being used than anticipated in the letter, CWSD/HRMD would require increased water dedication or charge additional impact fees to offset the water and capacity needed for the Project. Conversely, if the empirical analysis showed less water or capacity being used, a reduction in impact fees would be assessed.

### **Fee and Usage Analysis**

In their letter dated June 22, 2017, HRMD indicated that Neighborhood 3 will be assessed as a residential development based on their description of Wind Crest's Residential building 2.4. Presently, CWSD/HRMD has three separate fees for residential units: tap fees, meter fees and system development fees. Tap fees, which were recently reviewed to include multifamily developments, are \$7,690/unit for SFEs and \$5,510/unit for multifamily units (these values do not include any water transfer agreement costs). This fee structure assumes that multifamily units will use approximately 71.65% of the water and sewer capacity that a single family home uses. Meter fees, on the other hand, are based on the size of the water meter that serves a building, while system development fees incorporate a per acre usage of the site.

According to Centennial's Financial Report for 2016 shared with Wind Crest, CWSD expects an average SFE to use 291 gallons/day or approximately 0.33 acre-feet annually. Subsequently, a multifamily unit would use 71.65% of an SFE according to CWSD/HRMD's fee schedule, which is 208.50 gallons/day or approximately 0.23 acre-feet annually. This includes irrigation water, which Erickson, as mentioned earlier, has already been provided to CWSD/HRMD for the Wind Crest development.

As presently calculated, the Wind Crest Community would be required to allocate 464.30 acre-feet of water annually based on the complete buildout of 1,988 units under CWSD/HRMD's multifamily usage of 0.23 acre-feet/unit. To date, Wind Crest has purchased tap fees for 1,164 multifamily units, which equates to 271.85 acre-feet. Drawing upon both projected implementation of aggressive water management practices and empirical data collection from Wind Crest's existing facilities, AquaSan has demonstrated that senior housing units at Wind Crest will use a weighted average of 73.13 gallons/day or approximately 0.08 acre-feet annually, which also includes commercial usage. Based on these data, the entire Wind Crest Community comprised of 1,988 senior living units is projected to use only 162.85 acre-feet annually, which is significantly less than the 271.85 acre-feet paid to date, as well as the 464.20 acre-feet a multifamily development would use according to CWSD/HRMD.

### **Proposal**

Based upon AquaSan's empirical data collection and the values established above, it is concluded that Neighborhood 3's water demand of 47.19 acre-feet will be more than sufficiently served by Wind Crest's surplus of

water that was purchased during earlier phases. The foregoing analysis indicates that the appropriate fee structure for senior living facilities should instead reflect potable consumption of 73.13 gallons/unit/day, or approximately 35% of CWSD/HRMD's current multifamily usage and 25% of their SFE usage. The corresponding fees associated with these consumption values are shown below in Figure 12:

Figure 12: Water Fee Cost Analysis

| Residence Type | Unit Count | CWSD/HRMD's Multifamily Cost per Unit | CWSD/HRMD's Total Cost | Senior Living Cost per Unit at 35% Usage of Multifamily | Senior Living Total Cost | Cost Difference |
|----------------|------------|---------------------------------------|------------------------|---------------------------------------------------------|--------------------------|-----------------|
| Phases 1-2     | 1,412      | \$5,150                               | \$7,271,800            | \$1,806                                                 | \$2,550,518              | \$4,721,282     |
| Neighborhood 3 | 576        | \$5,150                               | \$2,966,400            | \$1,806                                                 | \$1,040,438              | \$1,925,962     |
| Total          | 1,988      | \$5,150                               | \$10,238,200           | \$1,806                                                 | \$3,590,956              | \$6,647,244     |

Figure 12 demonstrates that applying the current fee schedule to Neighborhood 3 would result in an overpayment of \$1,925,962, which does not include the water (a) already purchased at Wind Crest under CWSD/HRMD's multifamily rates and (b) separately purchased and dedicated for irrigation.

The usage values determined for Neighborhood 3 find additional support in studies and policies from other jurisdictions as well. For instance, a study conducted by the Connecticut Department of Energy and Environmental Protection shows the mean water use per capita in elderly retirement communities was 63 GCD or 70 gallons/day/unit at 1.1 persons per unit.<sup>8</sup> It is noted that this study reflects buildings without modern water conservation appliances, fixtures and non-potable irrigation, thus suggesting that Neighborhood 3's usage projection is a conservative estimate. These findings are further reinforced by the percentages used by other municipalities in the Denver region for "senior housing," such as the cities of Westminster (35%), Louisville (30%), and East Cherry Creek Valley (25%), along with other municipalities across the nation.<sup>9</sup>

Although there is general recognition that senior living facilities' water usage differs from that of single family and multifamily dwelling units, neither CWSD nor HRMD currently employs a separate rate schedule for senior living facilities. AquaSan's review indicates that Section 9.12, "Special Situations," of HRMD's Rules and Regulations provides a mechanism to address use classifications with unique demands that can be proven through empirical analysis, though Erickson has been advised that this authority will depend upon CWSD's decisions regarding fee schedules.

In recognition of the risk to CWSD/HRMD associated with adopting an adjusted SFE schedule, AquaSan further proposes the adoption of a penalty rate for water used in excess of the predicted usage. This penalty rate would be set at a level commensurate with the capital value, to CWSD/HRMD, of the water. Although AquaSan does not presently have the information required to calculate that value, the penalty rate would likely form a multiple of CWSD/HRMD's now-highest billing rate per SFE.

On the basis of the above, AquaSan concludes that this proposal, if pursued, will align CWSD/HRMD's fee schedule with both the projected demands from Neighborhood 3 and the best water management practices adopted in nearby jurisdictions.

<sup>8</sup> [http://www.ct.gov/deep/lib/deep/water\\_regulating\\_and\\_discharges/subsurface/2006designmanual/completesec\\_3.pdf](http://www.ct.gov/deep/lib/deep/water_regulating_and_discharges/subsurface/2006designmanual/completesec_3.pdf)

<sup>9</sup> Senior living tap fee reduction also observed in cities in Ohio, Washington, Florida and Virginia when compared to single-family homes.



### Conclusion

In summary, this report is the denouement of the details from AquaSan's previous reports, which provides clear evidence of the benefits of efficiently managed water assets of the Wind Crest Neighborhood 3 development. Not only will this Project make better use of the community's water resources, it will avoid expensive acquisition and construction of new water rights and infrastructure by fully utilizing the existing infrastructure. If implemented successfully, Redwood-ERC Littleton, LLC and CWSD/HRMD should promote their success in conservation for the entire Denver Metropolitan area and demonstrate the efficacy of avoiding excessive uses of water.

Mr. Berrien, thank you again for this opportunity to work with you and the Redwood-ERC Littleton, LLC team regarding water management for your Project. Please contact us if you have any questions or need additional clarification regarding the information contained herein. Also, please recall that pursuant to our agreement, this report and the information contained herein is confidential.

Sincerely,  
AquaSan Network, Inc.

A handwritten signature in black ink, appearing to read "C. Iadarola".

Carmine Iadarola  
President



## Exhibit A

### Product Resources

1. Examples of *WaterSense* Approved Fixtures: <https://www.epa.gov/watersense/product-search>
2. Examples of *ENERGY STAR* Approved Appliances: <https://www.energystar.gov/productfinder/>
3. Examples of CEE Approved Appliances: <https://library.cee1.org/content/qualifying-product-lists-residential-clothes-washers>
4. Examples of Irrigation Smart Controllers: [https://www.irrigation.org/IA/FileUploads/IA/Certification/SmartTechnologies\\_Final.pdf](https://www.irrigation.org/IA/FileUploads/IA/Certification/SmartTechnologies_Final.pdf)

### References

#### Literature

1. DeOreo, William, et al. Analysis of Water Use in New Single-Family Homes. Salt Lake City Corporation and US EPA, 2011.
2. DeOreo, William, et al. Analysis of Water Use Patterns in Multi-Family Residences. Irvine Ranch Water District, 2008.
3. DeOreo, William, et al. Residential End Uses of Water, Version 2: Executive Report. Water Research Foundation, 2016.
4. Hunter, Roy B. Building Materials and Structures, Methods of Estimating Loads in Plumbing Systems. National Bureau of Standards Report BMS 65, 1940.
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6. Mayer, Peter W., et al. Residential End Uses of Water. AWWA Research Foundation, 1999.
7. Dziegielewski, Benedykt, et al. Commercial and Institutional End Uses of Water. AWWA Research Foundation and American Water Works, 2000.
8. The Brendle Group, INC., et al. Benchmarking Task Force Collaboration for Industrial, Commercial and Institutional Water Conservations, Colorado Waterwise Council, 2007.

#### Websites

1. <https://www.epa.gov/watersense/homes>
2. <https://www.epa.gov/watersense/commercial-buildings>

3. <http://www.iapmo.org/media/5275/3-hoffman-institutional-commercial-and-industrial-ici.pdf>
4. <https://www.irrigation.org/SWAT>
5. <https://www.energy.gov/eere/femp/best-management-practice-10-cooling-tower-management>
6. [http://www.ct.gov/deep/lib/deep/water\\_regulating\\_and\\_discharges/subsurface/2006designmanual/completesec\\_3.pdf](http://www.ct.gov/deep/lib/deep/water_regulating_and_discharges/subsurface/2006designmanual/completesec_3.pdf)
7. <https://www.badgermeter.com/resources/7a583d27-65f0-4d0b-ae86-76768ebd932b/recordall%20turbo%20series%20meters%20-%20models%20160%20200%20450%201000%202000%203500%205500%206200%20product%20data%20sheet%20rts-ds-00320-en.pdf/>



**Roseville Electric Utility**  
2090 Hilltop Circle  
Roseville, California 95747-9704  
*Reliable Energy. Dependable Service.*

Project: Erickson Senior Living  
Baseline Rd at Westbrook Blvd  
Roseville, CA 95747  
SVSP Parcels KT41A & KT-41B

## Electrical Capacity Study Findings

Roseville Electric (RE) is able to provide the requested electrical capacity to the Erickson Senior Living (ESL) project site contingent on infrastructure upgrades. Project development will be split into two phases per ESL's proposed site layout. Phase 1 development will primarily occur on parcel KT-41A with a designed load of 8.2MW and require the completion of several planned infrastructure segments prior to development. The segments are in varying stages of planning/construction and could potentially be completed by other developers prior to ESL development. However, if the improvements are not completed by others before the completion of the first building in Phase 1, it will be the responsibility of ESL to complete. Phase 2 will primarily occur on parcel KT-41B with an additional designed load of 11.1MW. This will require the extension of an existing 12kV underground circuit approximately 2000ft to the project location. A preliminary breakdown of responsibilities include:

### Erickson Senior Living

- Obtain any necessary easements and complete designs per RE standards.
- Bore/trench and install all required conduit to project site.
- Install any necessary pull-boxes, junction boxes, switch vaults, capacitor pads, and transformer pads

### Roseville Electric

- Procure and install 12kV cable, switches, transformers, and capacitors
- Estimated cost for all Roseville Electric work: \$1.9M

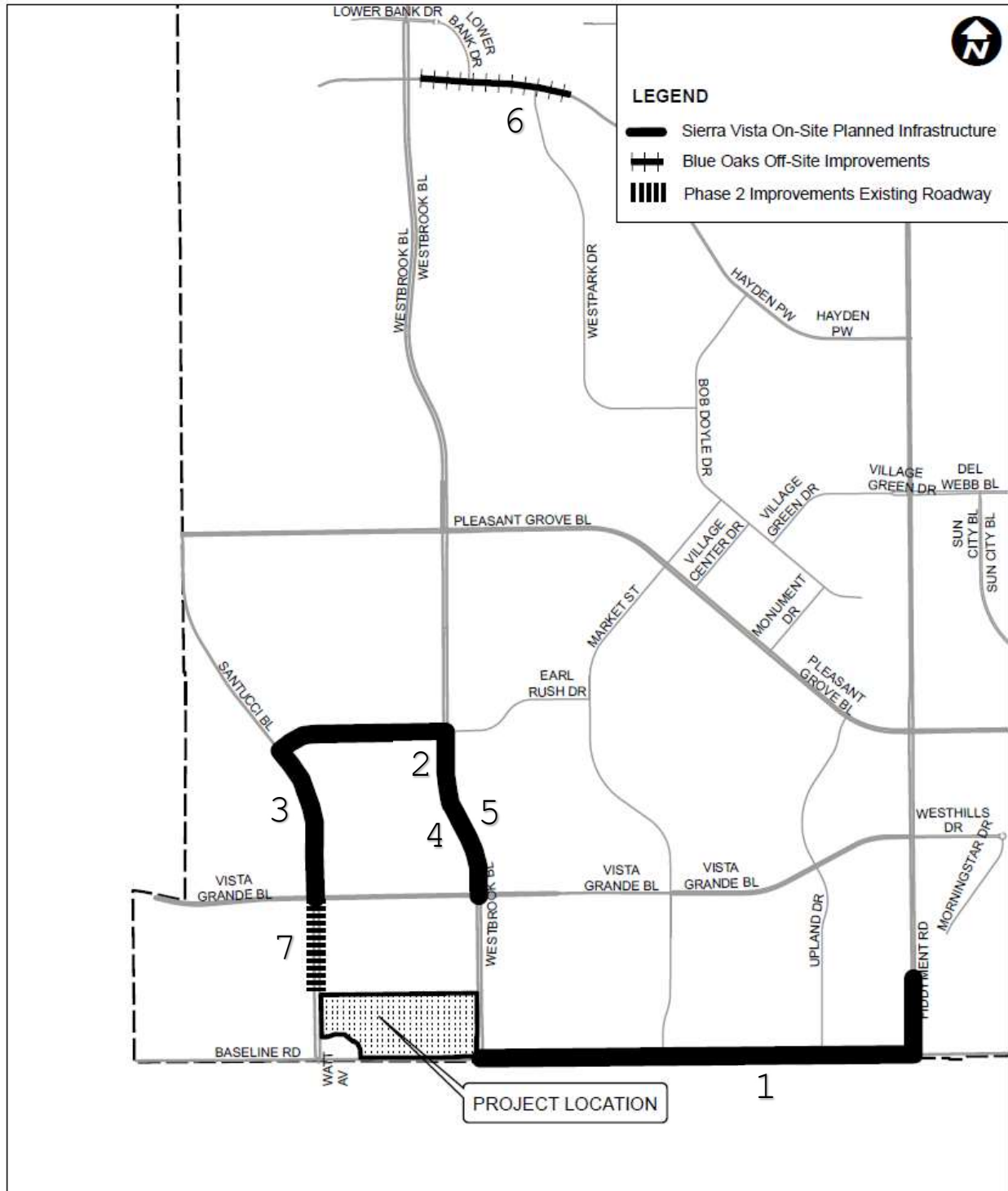
### Planned Infrastructure Required to Support Serving Erickson Project Site

| # | Length (ft) | Start Location     | End Location           | Estimated Cost |
|---|-------------|--------------------|------------------------|----------------|
| 1 | 7800        | Baseline/Fiddymont | Baseline/Westbrook     | \$600,000      |
| 2 | 500         | Sierra Vista Sub   | Earl Rush/Westbrook    | \$50,000       |
| 3 | 3000        | Earl Rush Drive    | Santucci/Vista Grande  | \$250,000      |
| 4 | 4000        | Sierra Vista Sub   | Westbrook/Vista Grande | \$300,000      |
| 5 | 2000        | Sierra Vista Sub   | Westbrook/Vista Grande | \$150,000      |
| 6 | 3900        | Blue Oaks          | Westbrook              | \$300,000      |

### Required Infrastructure for Phase 2

|   |      |                       |                |           |
|---|------|-----------------------|----------------|-----------|
| 7 | 2000 | Santucci/Vista Grande | Sierra Village | \$200,000 |
|---|------|-----------------------|----------------|-----------|

# Attachment 4



ORDINANCE NO. 23-

ADOPTING A THIRD AMENDMENT OF THE DEVELOPMENT AGREEMENT BY AND BETWEEN THE CITY OF ROSEVILLE AND KV SIERRA VISTA, LLC RELATIVE TO THE SIERRA VISTA SPECIFIC PLAN, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. In accordance with Chapter 19.84 of Title 19 of the Roseville Municipal Code (the Zoning Ordinance) of the City of Roseville, the City Council has received the recommendation of the Planning Commission that the City of Roseville enter into a Third Amendment of the Development Agreement by and between the City of Roseville and KV Sierra Vista, LLC pertaining to property located within the Sierra Vista Specific Plan area.

SECTION 2. Prior to considering the proposed Third Amendment to Development Agreement, the City Council considered the 11th Addendum to the Sierra Vista Specific Plan Environmental Impact Report (EIR) (SCH #2008032115, certified May 5, 2010), pursuant to the California Environmental Quality Act, California Public Resources Code Section 21000 *et seq.*

SECTION 3. The Council of the City of Roseville has reviewed the findings of the Planning Commission recommending approval of the Third Amendment to Development Agreement, and makes the following findings:

1. The Third Amendment to the Development Agreement is consistent with the objectives, policies, programs and land use designations of the City of Roseville General Plan and the Sierra Vista Specific Plan;
2. The Third Amendment to the Development Agreement is consistent with the City of Roseville Zoning Ordinance;
3. The Third Amendment to the Development Agreement is in conformance with the public health, safety and welfare;
4. The Third Amendment to the Development Agreement will not adversely affect the orderly development of the property or the preservation of property values; and
5. The provisions of the Third Amendment to the Development Agreement will provide sufficient benefit to the City to justify entering into said Amendment.

SECTION 4. The Third Amendment to Development Agreement, by and between the City of Roseville and KV Sierra Vista, LLC, a copy of which is on file in the City Clerk's Department and incorporated herein by reference, is hereby approved and the City Manager is authorized to execute it on behalf of the City of Roseville.

SECTION 5. The City Clerk is directed to record the executed Development Agreement Amendment within ten (10) days of the execution of the agreement by the City Manager with the County Recorder's Office of the County of Placer.



SECTION 6. This ordinance shall be effective at the expiration of thirty (30) days from the date of its adoption.

SECTION 7. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_ 2023, by the following vote on roll call:

AYES            COUNCILMEMBERS:

NOES            COUNCILMEMBERS:

ABSENT        COUNCILMEMBERS:

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
City Clerk



**RECORDING REQUESTED BY AND WHEN  
RECORDED MAIL TO:**

**CITY OF ROSEVILLE**

**When Recorded Mail to:**

**City Clerk**

**City of Roseville**

**311 Vernon Street**

**Roseville, CA 95678**

**Exempt from Recording Fees**

**Pursuant to Cal. Gov't Code § 27383**

**SPACE ABOVE THIS LINE RESERVED FOR RECORDER'S USE**

**THIRD AMENDMENT OF DEVELOPMENT AGREEMENT  
SIERRA VISTA SPECIFIC PLAN PARCELS KT-41A AND KT-41B**

**THIRD AMENDMENT OF DEVELOPMENT AGREEMENT BY AND BETWEEN  
THE CITY OF ROSEVILLE AND KV SIERRA VISTA, LLC  
RELATIVE TO THE SIERRA VISTA SPECIFIC PLAN**

This Third Amendment of Development Agreement is entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2023, by and between the CITY OF ROSEVILLE, a municipal corporation ("City") and KV SIERRA VISTA, LLC, a California limited liability company ("KV Sierra Vista" or "Landowner"), pursuant to Sections 65864 through 65869.5 of the Government Code of California.

RECITALS:

A. Baseline P&R, LLC, a California limited liability company ("Baseline P&R") and City entered into a Development Agreement (the "Development Agreement") which was approved by the City Council of City on May 19, 2010 and recorded on June 18, 2010, in the Official Records of Placer County as Document No. 2010-0045892-00.

B. Baseline P&R and City entered into the Development Agreement relative to the development within a portion of the Sierra Vista Specific Plan ("Specific Plan" or "SVSP"), as is more precisely defined in Exhibits "A" and "B" of the Development Agreement (the "Property"). Except as otherwise defined herein, all capitalized terms used herein have the meanings ascribed thereto in the Development Agreement.

C. On June 24, 2015, Baseline P&R assigned its interest in the Development Agreement to KV Sierra Vista, pursuant to that certain Assignment and Assumption Agreement Relative to the Development Agreement recorded in the Official Records of Placer County, California on June 24, 2015, as Document No. 2015-0053572-00.

D. On April 6, 2022, Sierra Vista Communities, LLC, a California limited liability company and City entered into the First Amendment to the Development Agreement, which amendment was recorded in the Official Records of Placer County, California on May 18, 2022 as Document No. 2022-0042163-00.

E. On May 11, 2022, KV Sierra Vista and City entered into the Second Amendment to the Development Agreement, which amendment was recorded in the Official Records of Placer County, California on June 23, 2022 as Document No. 2022-0051689-00.

F. This Third Amendment to the Development Agreement (the "Third Amendment") affects certain portions of the Property known as SVSP Parcels KT-41A and KT-41B, as described in Exhibits "A" and "B" ("the Third Amendment Property"), attached to this Third Amendment and shall run with the land.

G. Concurrent with its consideration of this Third Amendment, the City is processing a Major Project Permit Stage 1 and Stage 2 approval for purposes of developing the Third Amendment Property.

H. This Third Amendment is authorized by Section 1.4 of the Development Agreement.

NOW THEREFORE, THE PARTIES MUTUALLY AGREE AS FOLLOWS:

1. AMENDMENT OF DEVELOPMENT AGREEMENT. The following sections and exhibits of the Development Agreement are hereby amended as follows:

a. TABLE OF CONTENTS. The following entries are added to the Table of Contents (pages ii and iii) in their entirety:

“2.9 Continuing Care Retirement Community”

”3.11.8 Electric Service for Parcels ESL Project”

b. NEW SECTION 2.9 Section 2.9 (Continuing Care Retirement Community) is added in its entirety to read:

“2.9 Continuing Care Retirement Community. Landowner intends to develop SVSP Parcels KT-41A and KT-41B with a continuing care retirement community (“CCRC”) consisting of approximately two million± square foot campus of multiple buildings with approximately 1,200 independent living units, 200 assisted living/memory care suites, 40 skilled nursing rooms, dining options, medical facilities, recreational amenities, administrative space, parking areas, and landscaping (“ESL Project”). A description of ESL Project operations is contained in Exhibit LL.

The ESL Project will be developed in multiple phases as summarized in Exhibit “MM”. A 5,175± square foot single-story marketing center will be constructed first (“Marketing Center”). The Marketing Center will be used as a business office for marketing activities. In a later phase of the ESL Project, the Marketing Center will be removed.

The CCRC independent living units and assisted living/memory care suites shall be licensed pursuant to California Health and Safety Code 1569 *et seq.*, as may be amended from time to time, as a Residential Care Facility for the Elderly and the skilled nursing facility shall be licensed pursuant to California Health and Safety Code 1250 *et seq.*, as may be amended from time to time.

2.9.1. Affordable Housing Contribution. Landowner shall pay to the City a contribution of \$1.50 per habitable square foot for the habitable portions of the independent living units (“AH Contribution”). The AH Contribution shall be paid to the City at building permit issuance for the independent living units in each building(s). No AH Contribution shall be due for the assisted living/memory care units, skilled nursing rooms, amenity food service, or administrative areas. The proceeds from the AH Contribution collected pursuant to this Section 2.9.1 shall be deposited in the City’s affordable housing trust fund and used solely to subsidize the production of new regulated affordable housing.”



- c. NEW SECTION 3.11.8. Section 3.11.8 (Electric Service for ESL Project) is added in its entirety to read:

“3.11.8. Electric Service for ESL Project. City estimates that the ESL Project buildout will demand approximately 19.3 megavolt amperes (“MVA”). Projected electric demands for buildout of the ESL Project exceed the electric demand planned for Parcels KT-41A and KT-41B in the SVSP. To the extent that the ESL Project design exceeds the 19.3 MVA electric demand estimate, Landowner shall fund City’s re-evaluation of the electric infrastructure necessary to provide electric service to the ESL Project, to the satisfaction of the Electric Utility Director.

The electric infrastructure required to serve the ESL Project buildout consists of seven segments shown and listed in Exhibit “NN” and Exhibit “OO”.

- None of the off-site infrastructure in Exhibits “NN” and “OO” shall be required for the issuance of the final certificate of occupancy for the ESL Project Phase 1 “Marketing Center” listed in Exhibit “MM” as long as the panel size does not exceed 600 amps at 480 volts.
- Segments 1 through 6 in Exhibits “NN” and “OO” are required to serve the ESL Project not later than issuance of the final certificate of occupancy for the first ESL Project building (shown in Exhibit “MM”), excluding the Marketing Center, up to an ESL Project cumulative electric panel size of 11,500 amps at 480 volts (“Trigger 1”). To the extent that segments 1 through 6 have not been constructed by Trigger 1, Landowner, at Landowner’s expense, shall construct segments 1 through 6.
- Segment 7 in Exhibits “NN” and “OO” is required to serve the ESL Project not later than the issuance of the final certificate of occupancy for the first building in the ESL Project that exceeds a cumulative electric panel size of 11,500 amps at 480 volts. (“Trigger 2”). To the extent that segment 7 has not been constructed by Trigger 2, Landowner, at Landowner’s expense, shall construct segment 7.
- If, at any time, ESL Project demand exceeds the cumulative electric panel size of 27,100 amps at 480 volts, re-evaluation of electric service will be required to serve the unbuilt portions of the ESL Project, at Landowner’s expense, to the satisfaction of the Electric Utility Director. Any additional upgrades identified shall be the responsibility of the Landowner.

Landowner’s construction of 12kV electric distribution facilities shall include boring, trenching, construction and installation of all underground conduits, concrete pads, pull boxes, junction boxes, switch vaults, capacitor pads, transformer pads, and appurtenances. Improvement plans for the facilities are subject to City review and approval in accordance with the Roseville Electric Specifications for Commercial Construction.

When Landowner completes construction of the 12KV electric distribution facilities, City shall, at Landowner's expense, procure and install all electrical equipment, such as 12KV cable, pad-mount switchgear, transformers, and capacitor bank. Landowner shall fund City's work on the improvements prior to commencement of the work.

The ESL Project Marketing Center constructed in ESL Project Phase 1 as shown on Exhibit "MM" shall be exempt from the electric infrastructure requirements for Trigger 1 and Trigger 2. City agrees that the Marketing Center improvements shall be fed by temporary electric facilities, if necessary.

As listed in Exhibit "OO", improvements constructed by Landowner for segments 1 through 5 shall be eligible for fee credits and/or reimbursements from the SVSP Fee Program, consistent with Section 4.2 of this Agreement. Improvements in segment 6 constructed by Landowner shall be entitled to reimbursement from the City's Traffic Mitigation Fee ("City TMF Fund") no earlier than ten years from the effective date of this Amendment. If insufficient funds are available to reimburse Landowner, City shall make payments to the extent funds are available. Landowner shall not be entitled to any fee credits and/or reimbursements for any portion of the segment 7 electric improvements.

d. EXHIBITS. The following exhibits are added in their entirety:

|             |                                                  |
|-------------|--------------------------------------------------|
| "Exhibit LL | Operating Plan                                   |
| Exhibit MM  | ESL Conceptual Phasing                           |
| Exhibit NN  | Electric Infrastructure Required for ESL Project |
| Exhibit OO  | Electric Infrastructure Segments"                |

2. CONSISTENCY WITH GENERAL PLAN. The City Council has found and determined that this Third Amendment of the Development Agreement is in the best interest of the public health, safety and general welfare and is consistent with the General Plan and the Sierra Vista Specific Plan.
3. AMENDMENT LIMITED TO THIRD AMENDMENT PROPERTY. This Third Amendment is limited to and applies only to development of the Third Amendment Property and does not affect or apply in any manner with respect to development of any other property within the Sierra Vista Specific Plan, including without limitation, any other portion of the Property.
4. AMENDMENT. This Third Amendment amends, but does not replace or supersede, the Development Agreement, except as specified herein. In the event of any conflict, the language of this Third Amendment shall be controlling in all events or circumstances. As amended hereby, the Development Agreement remains in full force and effect.
5. FORM OF AMENDMENT. This Third Amendment is executed in two duplicate originals, each of which is deemed to be an original.

**IN WITNESS WHEREOF**, the City of Roseville, a municipal corporation, has authorized the execution of this Third Amendment in duplicate by its City Manager and attested to by its City Clerk under the authority of Ordinance No. \_\_\_\_\_, adopted by the Council of the City of Roseville on the \_\_\_\_\_ day of \_\_\_\_\_, 2023.

**CITY:**

CITY OF ROSEVILLE,  
a municipal corporation

BY: \_\_\_\_\_  
Dominick Casey  
City Manager

**LANDOWNER:**

KV SIERRA VISTA, LLC  
a California limited liability company

By:  \_\_\_\_\_  
Chris N. Vrame  
Authorized Agent

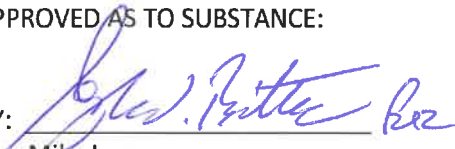
**ATTEST:**

BY: \_\_\_\_\_  
Carmen Avalos  
City Clerk

**APPROVED AS TO FORM:**

BY: \_\_\_\_\_  
Michelle Sheidenberger  
City Attorney

**APPROVED AS TO SUBSTANCE:**

BY:  \_\_\_\_\_  
Mike Isom  
Development Services Director

## NOTARY ACKNOWLEDGEMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

STATE OF CALIFORNIA

COUNTY OF Sacramento } S.S.

On August 3, 2023 before me, Lisa Dangelo  
a Notary Public, personally appeared Chris N. Vrame  
\_\_\_\_\_ who proved to me on  
the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the  
within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their  
authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or  
the entity upon behalf of which the person(s) acted, executed the instrument.  
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing  
paragraph is true and correct.

**WITNESS** my hand and official seal.

Signature Lisa Dangelo





**Exhibit A**  
**Third Amendment Property Legal Description**

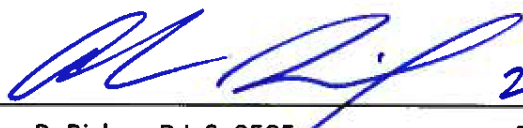
All that real property situated in the City of Roseville, County of Placer, State of California more particularly described as follows:

Being Lot 1 and Lot 2 of that certain Final Map of Sierra Vista KV Sierra Vista, LLC Large Lot Subdivision No PL15-0192 filed the 22nd day of October, 2019 in the office of the Placer County Recorder in Book EE of Maps at Page 71.

Containing 55.56 acres more or less.

See Exhibit "B" attached hereon and made a part of this description.

This description has been prepared by me or under my direct supervision in conformance with the Professional Land Surveyors' Act.

  
Adam R. Bishop P.L.S. 9585      2.15.23  
Date

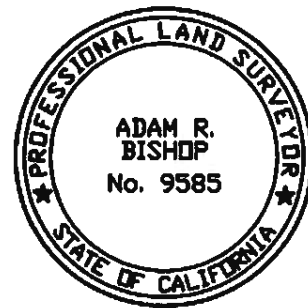
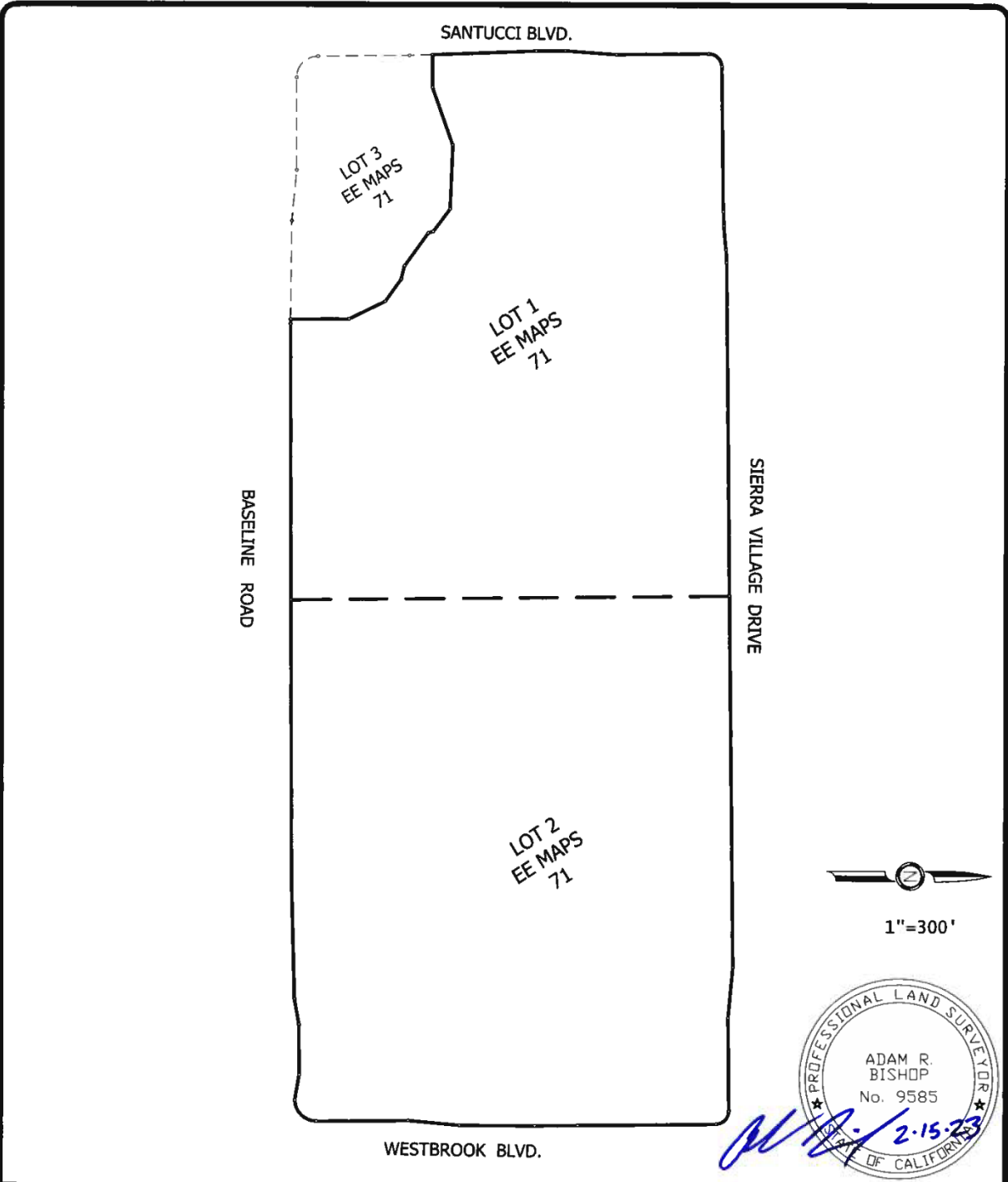


Exhibit B  
Third Amendment Property Legal Description



## **EXHIBIT LL**

### **Erickson Senior Living Roseville Operations Information**

Erickson Senior Living, LLC proposes Erickson Senior Living (Erickson Roseville), a continuing care retirement community, on a 55-acre site north of Baseline Road in the Sierra Vista Specific Plan. The Erickson Senior Living community will provide continuing care services for the changing needs of Roseville residents as they age. The following describes the operating characteristics of the Erickson Senior Living (Erickson Roseville) community.

#### **Erickson Senior Living**

Erickson Senior Living has been a provider of continuing care retirement communities (CCRCs) since 1983. Today, Erickson's network of 22 CCRCs in eleven states makes it the fifth-largest provider in the country. Over 28,000 residents live in an Erickson community where more than 14,000 employees serve them. The Roseville location will be Erickson's first community in California.

#### **Erickson Roseville Community Description**

**Location.** Erickson Roseville is planned on a 55.6±-acre rectangular site north of Baseline Road and south of Sierra Village Drive between Santucci Boulevard and Westbrook Boulevard. The site consists of APNs 499-010-074-000 and 499-010-075-000 and Sierra Vista Specific Plan (SVSP) Parcels KT-41A and KT-41B. The site address is 6000 Baseline Road, Roseville.

**Proposed Community Care Retirement Community.** Erickson proposes a continuing care retirement community (CCRC) with independent living, assisted living, memory care, skilled nursing, and other advanced care services.

A CCRC provides its senior residents with care and hospitality services for the rest of their lives with a financial structure designed to deliver care efficiently as they age and their needs change. In their late 70s and early 80s, residents enter a CCRC to access on-site dining, recreational, social, housekeeping and transportation activities, monitoring, and hands-on care when their health needs increase.

**Proposed Uses.** Erickson Roseville will be self-contained and include approximately 2.1 million square feet of continuing care uses designed to meet the daily needs of seniors. One to six-story buildings will be arranged on a campus with water-efficient landscaping, outdoor plazas, seating areas, courtyards, and indoor and outdoor amenities.

The following uses are proposed:

- Continuing Care Facility
  - Up to 200 beds of assisted living/memory care
  - Up to 40 beds of skilled nursing
  - 1,200± independent living units
- Casual indoor and outdoor dining options, private dining
- Medical services, including exam rooms and pharmacy
- Amenities such as concierge, library, day spa/salon, and theater
- Indoor activity spaces for wellness activities, arts, classes, games, clubs, meetings, social gatherings
- Active recreation amenities include a fitness center, swimming pool, putting green, bocce courts, and pickleball courts.
- Passive recreation spaces include walking paths, gardens, outdoor seating, lounge areas with fire pits, roof decks, amphitheater seating, and a dog park.

**Dining.** The community will feature six dining venues at full buildout. Dining options include restaurants and bars ranging from casual bistro to fine dining. Dining venues will be for the use of residents and their guests. Dining venues will not be open to the general public.

**Medical Services.** On-site medical services will be administered by Erickson Health Medical Group, one of the nation's largest integrated healthcare systems for seniors. Residents will receive medical care and attention with same-day appointments, telehealth, and home visits from on-site medical staff (doctors, physician assistants, nurses, and technicians). On-site health and wellness facilities will include exam, treatment rooms, pharmacy services, and facilities for routine, preventive, and sick care.

**Activity and Recreation Programming.** Erickson Roseville will offer extensive activity and recreational programming, including the following:

- |                                     |                            |
|-------------------------------------|----------------------------|
| ▪ Restaurants/bars                  | ▪ Yoga studio              |
| ▪ Outdoor dining/kitchen            | ▪ Wood/hobby shop          |
| ▪ Fitness center                    | ▪ Classrooms               |
| ▪ Indoor pool and spa               | ▪ Movie theatre            |
| ▪ Indoor sport and pickleball court | ▪ Auditorium               |
| ▪ Library                           | ▪ Resident concierge suite |
| ▪ Games/card rooms                  | ▪ Resident gardens         |
| ▪ Creative arts rooms               | ▪ Dog park                 |

- Putting green
- Bocce courts
- Fire pits
- Walking trails

**Hours of Operation.** Erickson Roseville will be capable of providing resident care and supervision 24 hours a day, seven days a week.

**Staffing.** At full buildout, Erickson Roseville will employ approximately 600-700 full- and part-time positions. Employees will include administrative staff, caregivers, medical staff, and food service and facilities staff. Employees of Erickson Roseville will have access to the on-site Employee Health and Wellness Center.

**Access.** The primary entrance to the community will be from a gated entrance on Baseline Road. The Baseline entry includes a staffed entry kiosk. Additional gated entrances are planned on Westbrook Boulevard and Sierra Village Drive. Deliveries and employees will access the site from the Sierra Village Drive entry. Pedestrians may access the site from all sides via pedestrian gates.

**Parking.** Approximately 1,850 parking spaces will be provided in surface or first-floor parking lots. A portion of the parking spaces will be carport covered.

Most residents will bring a vehicle when they move into the facility. Resident parking will be assigned, and guest spaces will be proximate to each building. Each phase will identify employee and visitor parking areas.

**Park and Ride Lot.** A park-and-ride lot with fifty (50) vehicle parking spaces is planned on the west side of the site with direct vehicular access to Santucci Boulevard. The park and ride lot will be separated from the Erickson Roseville parking by an open-view fence.

**Transit.** Erickson Roseville will provide a shuttle service to transport residents to off-site appointments. The shuttle will provide routine service to local shopping, restaurants, medical facilities, and other destinations. The in-house transit service will provide residents with a convenient and sustainable way to travel. In addition, Roseville Transit bus service will serve the site at bus stops on Santucci Boulevard Baseline Road.

**Deliveries.** Erickson Roseville will receive food and supply deliveries from the Sierra Village Drive entry.

**Security and Emergency Services.** Erickson Roseville will include 24-hour security and emergency services staff able to respond immediately to any on-site concern. Modern electronic security systems (cameras, alarms, resident tracking, personal resident alert pendants) will provide building and resident security.



**Residents.** Residents are restricted to seniors 62 and older; the average resident age at move-in is 78.

**Resident Fees.** Residents pay a substantial (six-figure) one-time community entrance fee, usually funded by selling their homes. In addition, residents pay a monthly care fee covering most living expenses (meal plan, utilities, amenities, local transportation, security, and maintenance). Personal care and nursing care are generally available at market rates. Nearly all the initial entrance fees will be returned when a resident departs the community. None of the units is available for monthly rental or purchase. Additional care and services are available based on assessments and needs.

## **Medical Emergencies**

The on-site Erickson Health Medical Group with experienced senior care providers is available to residents for medical needs. In addition, Erickson Roseville will employ emergency medical responders as the first level of emergency services for residents. Erickson's philosophy is to provide an integrated healthcare model to minimize the need for hospital emergency rooms to care for its residents.

The community's Security and Emergency Services department will respond and provide aid to any resident needing assistance. Residents in distress may alert the community's Emergency Medical Responders by pulling cords in their unit or by pressing the alert pendant on their person.

Upon receipt of an emergency call, security dispatch will deploy resources based upon established protocols to respond and investigate the situation, report their findings, and either address minor, non-critical issues on-site with the assistance of on-site physicians or escalate to a 911 response. 911 will be activated in situations that warrant the response of advanced life support resources (i.e., unresponsive, cardiac arrest, chest pain, trouble breathing, etc.). Erickson's typical response time to any emergency in the community is four minutes or less.

If conditions warrant, a resident may be taken directly to the on-site medical center for further evaluation and treatment. Staff healthcare providers are available for same-day appointments at Erickson communities. If further assessment and treatment are determined appropriate by providers, a resident may be admitted directly into the on-site skilled nursing care unit for further evaluation.

## Regulation of CCRCs in California

A CCRC typically provides its senior residents with care and hospitality services for the rest of their lives, with a financial structure designed to deliver care efficiently as they age and their needs change. Residents, often in their early 80s or late 70s, enter a CCRC to access on-site dining, transportation, recreational and social activities, assistance, and hands-on care when their health needs increase. A CCRC is generally comprised of the following:

- Residential Care Facility for the Elderly (RCFE)
  - Independent Living
  - Assisted Living
  - Memory Care
- Skilled Nursing Facility (SNF)

In California, the Health and Safety Code regulates CCRCs. All facilities in a CCRC must be licensed as either a Residential Care Facility for the Elderly (RCFE) under the Health and Safety Code §§1569 et seq. or as a Skilled Nursing Facility (SNF) under Health and Safety Code §§1250 et seq. [See Health and Safety Code §1771.5]. All 1,200 independent living units and all 200 assisted living/memory care suites at Erickson Senior Living Roseville will be licensed as an RCFE.

Facilities usually include licensed residential units in which resident care needs are monitored, but ongoing hands-on care is optional. The facilities include assisted living and memory care suites, where personal care is provided routinely, and 24-hour skilled nursing beds, where more intensive, physician-directed care is administered.

Contracts for providing care and services to CCRC residents are comprehensively regulated by Health and Safety Code §§1770 et seq. (the Continuing Care Contracts law) and all contracts must be approved by the California Department of Social Services (DSS) before use. [See Health and Safety Code §1787(b)]. Such contracts describe in detail all the services and care available to residents.

## Required Services

As a condition of licensure, RCFEs must provide residents, when needed, with the following “basic services” (in return for the monthly fee or an extra charge): personal assistance and care; regular observation of physical, mental, emotional, and social functioning; supervision; planned activities; food service; and arrangements for obtaining incidental medical and dental care. (Health and Safety Code §1569.312; 22 Cal. Code Regs. §§87464(f), 87466, 87465, 87101(b)(2)). Health and Safety Code §1569.312 mandates that RCFEs provide residents with the following services, as needed:

- (a) Care and supervision as defined in Section 1569.2.
- (b) Assistance with instrumental activities of daily living in the combinations which meet the needs of the residents.
- (c) Helping residents gain access to appropriate supportive services in the community.
- (d) Being aware of the residents’ general whereabouts, although the resident may travel independently in the community.
- (e) Monitoring the activities of the residents while they are under the supervision of the facility to ensure their general health, safety, and well-being.
- (f) Encouraging the residents to maintain and develop their maximum functional ability through participation in planned activities.

The mandated “[c]are and supervision” that the facility must provide to residents includes assistance as needed with activities of daily living (“ADLs”) such as dressing, feeding, grooming, bathing, toileting and other personal hygiene, mobility, money management, and taking prescribed medications. (Id., §§1569.312, 1569.2(b), (h); 22 Cal. Code Regs. §§87464(f), 87101(b)(2), (c)(2), 87466.) Furthermore, RCFEs must also make reasonable efforts to safeguard residents’ personal property. (Health and Safety Code §1569.152.)

In addition to monitoring residents’ health status and care needs, an RCFE may care for residents’ health conditions such as oxygen administration, catheter care, colostomy/ileostomy care, contractures, diabetes, enemas, suppositories and/or fecal impaction removal, bowel and bladder incontinence, injections, certain dermal ulcers, and wound care. (22 Cal. Code Regs. §87612.)

The regulations impose additional duties on RCFEs to act if residents’ care needs change and they are no longer appropriately placed. The RCFE shall:

“ . . . ensure that residents are regularly observed for changes in physical, mental, emotional and social functioning and that appropriate assistance is provided when such observation reveals unmet needs. When changes such as unusual weight gains or losses or deterioration of mental ability or a physical health condition are observed, the

licensee shall ensure that such changes are documented and brought to the attention of the resident's physician and the resident's responsible person, if any.” (Id., §87466.)

If the RCFE or the California Department of Social Services determines that the facility cannot meet the resident’s healthcare needs, the facility must immediately relocate the resident. (Id., §§87637).

Erickson Roseville must stand ready to provide any and all the care and services mandated by the RCFE law and regulations whenever needed. Because residential and assisted living units have the same RCFE licensure, care can be provided in either the resident's living unit or the assisted living center.

licensee shall ensure that such changes are documented and brought to the attention of the resident's physician and the resident's responsible person, if any.” (Id., §87466.)

If the RCFE or the California Department of Social Services determines that the facility cannot meet the resident’s healthcare needs, the facility must immediately relocate the resident. (Id., §§87637).

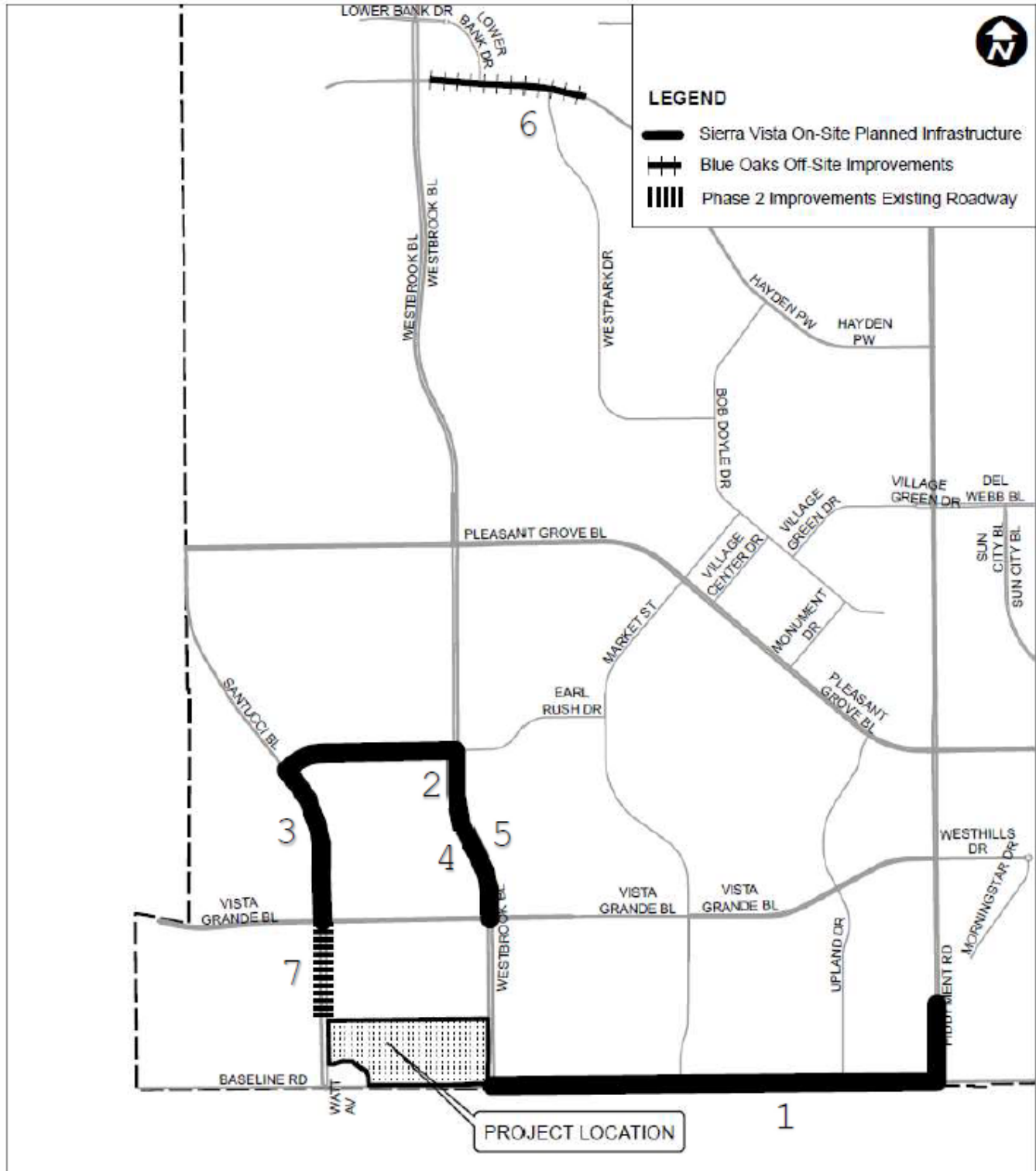
Erickson Roseville must stand ready to provide any and all the care and services mandated by the RCFE law and regulations whenever needed. Because residential and assisted living units have the same RCFE licensure, care can be provided in either the resident's living unit or the assisted living center.



**Exhibit MM**  
**Erickson Senior Living**  
**Conceptual Phasing**

| Phase                   | Building         | Stories | Units        | Beds       | Total SF         |
|-------------------------|------------------|---------|--------------|------------|------------------|
| <b>Phase 1</b>          |                  |         |              |            |                  |
| 1                       | Marketing Center | 1       | 0            | 0          | 5,175            |
| 1                       | RB 1.1           | 5       | 113          | 0          | 211,010          |
| 1                       | CB 1.0           | 1       | .            | 0          | 14,720           |
| 1                       | RB 1.2           | 5       | 124          | 0          | 214,325          |
| 1                       | RB 1.3           | 6       | 117          | 0          | 184,075          |
| <i>Phase 1 Subtotal</i> |                  |         | 354          | 0          | 629,305          |
| <b>Phase 2</b>          |                  |         |              |            |                  |
| 2                       | RB 1.4           | 6       | 117          | 0          | 151,900          |
| 2                       | RB 1.5           | 6       | 117          | 0          | 198,409          |
| <i>Phase 2 Subtotal</i> |                  |         | 234          | 0          | 350,309          |
| <b>Phase 3</b>          |                  |         |              |            |                  |
| 3                       | Assisted Living  | 4       | 0            | 200        | 155,568          |
| <i>Phase 3 Subtotal</i> |                  |         | 0            | 200        | 155,568          |
| <b>Phase 4</b>          |                  |         |              |            |                  |
| 4                       | RB 2.1           | 5       | 113          | 0          | 185,526          |
| 4                       | CB 2.0           | 1       | 0            | 0          | 19,077           |
| 4                       | RB 2.2           | 6       | 117          | 0          | 194,440          |
| 4                       | RB 2.4           | 5       | 124          | 0          | 125,240          |
| <i>Phase 4 Subtotal</i> |                  |         | 354          | 0          | 524,283          |
| <b>Phase 5</b>          |                  |         |              |            |                  |
| 5                       | RB 2.3           | 6       | 141          | 0          | 277,240          |
| 5                       | RB 2.5           | 6       | 117          | 0          | 171,612          |
| <i>Phase 5 Subtotal</i> |                  |         | 258          | 0          | 448,852          |
| <b>Phase 6</b>          |                  |         |              |            |                  |
| 6                       | Skilled Nursing  | 1       | 0            | 40         | 27,262           |
| <i>Phase 6 Subtotal</i> |                  |         | 0            | 40         | 27,262           |
| <b>Total</b>            |                  |         | <b>1,200</b> | <b>240</b> | <b>2,135,579</b> |

Exhibit NN  
Electric Infrastructure Required for ESL Project  
12kV Distribution Facilities



**Exhibit OO**  
**Electric Infrastructure Segments**  
**(Corresponds with Exhibit NN)**

| Segment | Approx Length | Segment Start           | Segment End             | Creditable/<br>Reimbursable                           |
|---------|---------------|-------------------------|-------------------------|-------------------------------------------------------|
| 1       | 7,800 LF      | Baseline/Fiddymont      | Baseline/Westbrook      | SVSP Fee Program                                      |
| 2       | 500 LF        | Sierra Vista Substation | Earl Rush/Westbrook     | SVSP Fee Program                                      |
| 3       | 3,000 LF      | Earl Rush Drive         | Santucci/Vista Grande   | SVSP Fee Program                                      |
| 4       | 4,000 LF      | Sierra Vista Substation | Westbrook/Vista Grande  | SVSP Fee Program                                      |
| 5       | 2,000 LF      | Sierra Vista Substation | Westbrook/Vista Grande  | SVSP Fee Program                                      |
| 6       | 3,900 LF      | Blue Oaks/Westpark      | Blue Oaks/Westbrook     | Capital Improvement Program<br>Traffic Mitigation Fee |
| 7       | 2,000 LF      | Santucci/Vista Grande   | Santucci/Sierra Village | None                                                  |



## COUNCIL COMMUNICATION

CC #: 2859

File #: 0400-02 & 0400-06-02

**Title:** Infill Parcel 175 Rezone

**Contact:** Shelby Maples 916-746-1347 smaples@roseville.ca.us

**Meeting Date:** 8/16/2023

**Item #:** 9.2.

### RECOMMENDATION TO COUNCIL

At the June 22, 2023 Planning Commission hearing, the Planning Commission recommended the City Council take the following actions on the project:

1. Consider the Infill Parcel 175 – Bee Shine Carwash Mitigated Negative Declaration and the Mitigation Monitoring and Reporting Program; and
2. Adopt the two (2) findings of fact and introduce for first reading an ordinance adopting the Rezone.

### BACKGROUND

This Council Communication provides a summary evaluation of the project and a summary of the June 22, 2023 Planning Commission hearing. A more detailed background and evaluation is provided in the Planning Commission staff report, included as Attachment 2.

#### Background/Project Evaluation

The proposed project is located at 1100 Orlando Av., on approximately 1.23 acres within the Infill area of the City. The property is surrounded by Orlando Av. to the south and east, Auburn Bl. to the west, and an on-ramp to I-80 to the north. The current zoning designation of the site is Neighborhood Commercial (NC), with a land use designation of Community Commercial (CC).

The site is developed with an approximately 6,000 square foot building and several rail cars, as well as associated site improvements. The site has predominantly been used as a restaurant and nightclub since it was constructed in the late 1980's with the Roseville Junction project (File # SR 86-63). In April of 2008, the property owners applied for a Zoning Interpretation (File # ZI-000020) to allow operation of the nightclub use for the business known as "The Station". The request and subsequent appeals were denied by City Council, as various modifications to the building throughout the years had invalidated the legal nonconforming status of the use. The site is currently vacant.

The proposed project will amend the zoning designation of approximately 1.23 acres of Infill Parcel 175 from Neighborhood Commercial (NC) to Community Commercial (CC) to facilitate the construction of an approximately 4,542 square foot carwash facility with vacuum stalls, parking, and other site improvements.

Associated with this request was a Conditional Use Permit (CUP) and Design Review Permit (DRP), which the Planning Commission unanimously approved at their June 22, 2023 meeting. Per the Zoning Ordinance, approval of a CUP is required to allow a carwash facility in the CC zone. The DRP approved the proposed building and site design. Further discussion and exhibits for these entitlements are included in the Planning Commission staff report (Attachment 2).

### Summary Evaluation

The existing General Plan land use designation of the property is Community Commercial (CC), and the existing zoning designation of the property is Neighborhood Commercial (NC). The project site is not within a Specific Plan area. The applicant proposes to change the zoning designation of the parcel from NC to CC to allow development of the proposed carwash facility with the approval of a Conditional Use Permit (CUP).

The proposed zoning change is consistent with the General Plan land use for the site. The City of Roseville General Plan provides a list of compatible "Implementing Zones" for each land use designation (General Plan Table II-10), which establishes what zoning designations are considered compatible with the applicable General Plan land use designation. Both the NC and CC zone districts are considered implementing zones for the CC land use; however, the NC zone is generally more restrictive to reduce incompatibility between commercial and residential uses. According to Section 19.12.010 of the Zoning Ordinance, the NC zone is intended to be applied to properties "in close proximity to residential areas providing for convenient retail and personal service facilities". In comparison, the CC zone is intended to "serve the principal retail shopping needs of the entire community by providing areas for shopping centers, and other retail and service uses."

Although the project site is currently zoned NC, the location is relatively isolated from the neighborhood to the east. The project site is bordered by Auburn Bl., a minor arterial roadway; Orlando Av., a collector roadway; and an on-ramp to Interstate 80 to the north. Pedestrian access to the site is limited due to the location of the freeway on-ramp, and pedestrian facilities along the northeast corner of the site are incomplete. Additionally, while there are two gas stations to the south and southwest of the project site that are within the NC zone, the commercial properties to the east of Orlando Av. are zoned CC and are located between the project site and a residential neighborhood. Modifying the zoning designation of the site would extend the existing CC zone district and create more consistency within the area. Based on the analysis provided in the staff report, the Planning Commission recommended that the City Council approve the proposed Rezone.

### Public Outreach

The proposed project was distributed to the various agencies and departments which have requested notice of City applications, and all comments were considered and incorporated into the Conditions of Approval, as appropriate. Notice of the application was also distributed to the Roseville Coalition of Neighborhood Associations. No comments were received.

A neighborhood meeting was held at the Maidu Community Center on February 15, 2023. Notices were sent to all neighbors within a 300 foot radius of the project site. No one attended the meeting. Staff communicated with one individual who received a notice, and discussed the history of the site. No concerns about the proposed carwash use were received. A public notice of the Planning Commission hearing was published on June 8, 2023, and was distributed to all property



owners within 300 feet of the project site. No comments were received.

#### Summary of Planning Commission Meeting

The project was heard by the City's Planning Commission on June 22, 2023. The applicant addressed the Commission, spoke in favor of the project, and requested approval by the Commission. There was no public comment on the project. Planning Commission unanimously voted to adopt the Initial Study/Mitigated Negative Declaration and Mitigation Monitoring and Reporting program and approve the CUP and DRP entitlements, as well as recommend that the City Council approve the requested Rezone.

#### FISCAL IMPACT

Application costs were borne by the applicant, and the project is required to pay all applicable impact fees. The project is not anticipated to result in negative impacts to the City's General Fund.

#### ENVIRONMENTAL REVIEW

An Initial Study/ Mitigated Negative Declaration (IS/MND) was prepared for the project pursuant to the provisions of the California Environmental Quality Act (CEQA). The IS/MND was released May 3, 2023 for a period of 20 days, ending on May 23, 2023. No comments pertaining to the adequacy of the environmental document were received during the public review period. As the project is located on an Infill parcel and is not within a Specific Plan area, mitigation measures to establish procedure in the event of inadvertent discoveries of subsurface cultural and tribal cultural resources are included with the Mitigation Monitoring and Reporting Program. Prior to approval of the Design Review Permit and Conditional Use Permit entitlements, the Planning Commission adopted the IS/MND. The Planning Commission report and all exhibits are included in Attachment 2.

#### CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Shelby Maples, Associate Planner

Mike Isom, Development Services Director



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Dominick Casey, City Manager

**ATTACHMENTS:**

**Description**

Attachment 1 - Vicinity Map

Attachment 2 - June 22, 2023 Planning Commission Report and Attachments

Ordinance-Rezone

Exhibit A - Rezone

CC ATTACHMENT 1 – Vicinity Map





***Planning Division Staff Report  
Planning Commission Meeting***

***June 22, 2023***

Prepared by: Shelby Maples, Associate Planner

**ITEM 6.1: Rezone, Conditional Use Permit, and Design Review Permit – 1100 Orlando Av. – INFILL PCL 229 – Bee Shine Carwash – PL22-0316**

**REQUEST**

The applicant requests approval of a Rezone to change the zoning designation of 1.23 acres of Neighborhood Commercial (NC) to Community Commercial (CC); a Conditional Use Permit to allow the carwash use in the CC zone; and a Design Review Permit for a 4,542 square foot automatic carwash facility with 21 vacuum spaces, nine (9) parking spaces, and associated site improvements.

Applicant- Kurt Wagenknecht, K12 Architects, Inc.  
Owner – Jesse Angeles

**SUMMARY RECOMMENDATION**

The Planning Division recommends that the Planning Commission take the following actions:

1. Adopt the Bee Shine Carwash Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program;
2. Recommend the City Council adopt the two (2) findings of fact and approve the Rezone;
3. Adopt the three (3) findings of fact and approve the Conditional Use Permit subject to two (2) conditions of approval; and
4. Adopt the four (4) findings of fact and approve the Design Review Permit subject to sixty-eight (68) conditions of approval.

**SUMMARY OF OUTSTANDING ISSUES**

There are no outstanding issues associated with this request. The applicant has reviewed and is in agreement with the recommended conditions of approval.

**BACKGROUND**

The proposed project is located at 1100 Orlando Av., on approximately 1.23 acres within the Infill area of the City. The property is surrounded by Orlando Av. to the south and east, Auburn Bl. to the west, and an on-ramp to I-80 to the north (Figure 1). The current zoning designation of the site is Neighborhood Commercial (NC), with a land use designation of Community Commercial (CC).

The site is developed with an approximately 6,000 square foot building and several rail cars, as well as associated site improvements. The site has predominantly been used as a restaurant and nightclub since it was constructed in the late 1980's with the Roseville Junction project (File # SR 86-63). In April of 2008, the property owners applied for a Zoning Interpretation (File # ZI-000020) to allow operation of the nightclub use for the business known as "The Station". The request and subsequent appeals were denied by City Council, as various modifications to the building throughout the years had invalidated the legal nonconforming status of the use. The site is currently vacant.

The currently proposed project would allow an approximately 4,542 square foot automatic carwash facility with vacuum stalls, parking, and other site improvements. All existing structures would be removed from the site. Hours of operation for the proposed carwash are 8:00 AM to 9:00 PM, seven days a week. The proposed project requires a rezone from NC to CC to allow the proposed carwash use, as well as a Conditional Use Permit (CUP) and Design Review Permit (DRP) to evaluate the proposed project and design.



**Figure 1: Project Location**



## **EVALUATION – REZONE**

Zoning Ordinance Section 19.86.050 specifies that recommendations for approval or denial of a rezone shall include consideration of the proposed amendment's consistency with:

- 1. The public interest, health, safety, or welfare of the City, and***
- 2. The General Plan and any applicable Specific Plan of the City of Roseville.***

The existing General Plan land use designation of the property is Community Commercial (CC), and the existing zoning designation of the property is Neighborhood Commercial (NC). The project site is not within a Specific Plan area. The applicant proposes to change the zoning designation of the parcel from NC to Community Commercial (CC) to allow development of the proposed carwash facility with the approval of a Conditional Use Permit (CUP).

The proposed zoning change is consistent with the General Plan land use for the site. The City of Roseville General Plan provides a list of compatible "Implementing Zones" for each land use designation (General Plan Table II-10), which establishes what zoning designations are considered compatible with the applicable General Plan land use designation. Both the NC and CC zone districts are considered implementing zones for the CC land use; however, the NC zone is generally more restrictive to reduce incompatibility between commercial and residential uses. According to Section 19.12.010 of the Zoning Ordinance, the NC zone is intended to be applied to properties "in close proximity to residential areas providing for convenient retail and personal service facilities". In comparison, the CC zone is intended to



“serve the principal retail shopping needs of the entire community by providing areas for shopping centers, and other retail and service uses.”

Although the project site is currently zoned NC, the location is relatively isolated from the neighborhood to the east. The project site is bordered by Auburn Bl., a minor arterial roadway; Orlando Av., a collector roadway; and an on-ramp to Interstate 80 to the north. Pedestrian access to the site is limited due to the location of the freeway on-ramp, and pedestrian facilities along the northeast corner of the site are incomplete. Additionally, while there are two gas stations to the south and southwest of the project site that are within the NC zone, the commercial properties to the east of Orlando Av. are zoned CC and are located between the project site and a residential neighborhood. Modifying the zoning designation of the site would extend the existing CC zone district and create more consistency within the area. Therefore, staff finds that the proposed CC zone district is appropriate for the site.

### **EVALUATION – CONDITIONAL USE PERMIT**

The evaluation of the Conditional Use Permit (CUP) will focus on the compatibility of the carwash facility with the surrounding land uses. As part of the compatibility evaluation, staff evaluated noise impacts and consistency with the findings listed in the Zoning Ordinance. The CUP allows the City to place operational conditions on the use which may be modified by the Planning Commission. Section 19.78.60 of the City of Roseville Zoning Ordinance requires that three findings be made to approve a CUP. The three findings are listed below in ***bold, italicized*** text and are followed by an evaluation in relation to each finding.

#### ***1. The proposed use or development is consistent with the City of Roseville General Plan and any applicable Specific Plan.***

The land use and proposed zoning designation for the subject property is CC. The purpose of the CC land use category is to provide a broader range of goods and services to an expanded service area. Primary uses within the CC land use category include retail stores and businesses selling a full range of goods and services. The project is located within an Infill area of the City, and is not subject to a Specific Plan; therefore, this evaluation is based on the General Plan land use designation and the zoning designation. The Zoning Ordinance states that carwash facilities are permitted in the CC zone upon approval of a CUP. Based on the General Plan definition for CC land use and the Zoning Ordinance provisions, the proposed project is consistent with the land use designation with approval of the required CUP.

#### ***2. The proposed use or development conforms with all applicable standards and requirements of the Zoning Ordinance.***

As previously stated, the project proposes a rezone of the site from NC to CC. Carwash facilities are identified in the Zoning Ordinance as conditionally permitted uses, provided a CUP is approved. The proposed use is consistent with the Zoning Ordinance definition for an automatic carwash and is therefore consistent with the Zoning Ordinance upon approval of the CUP.

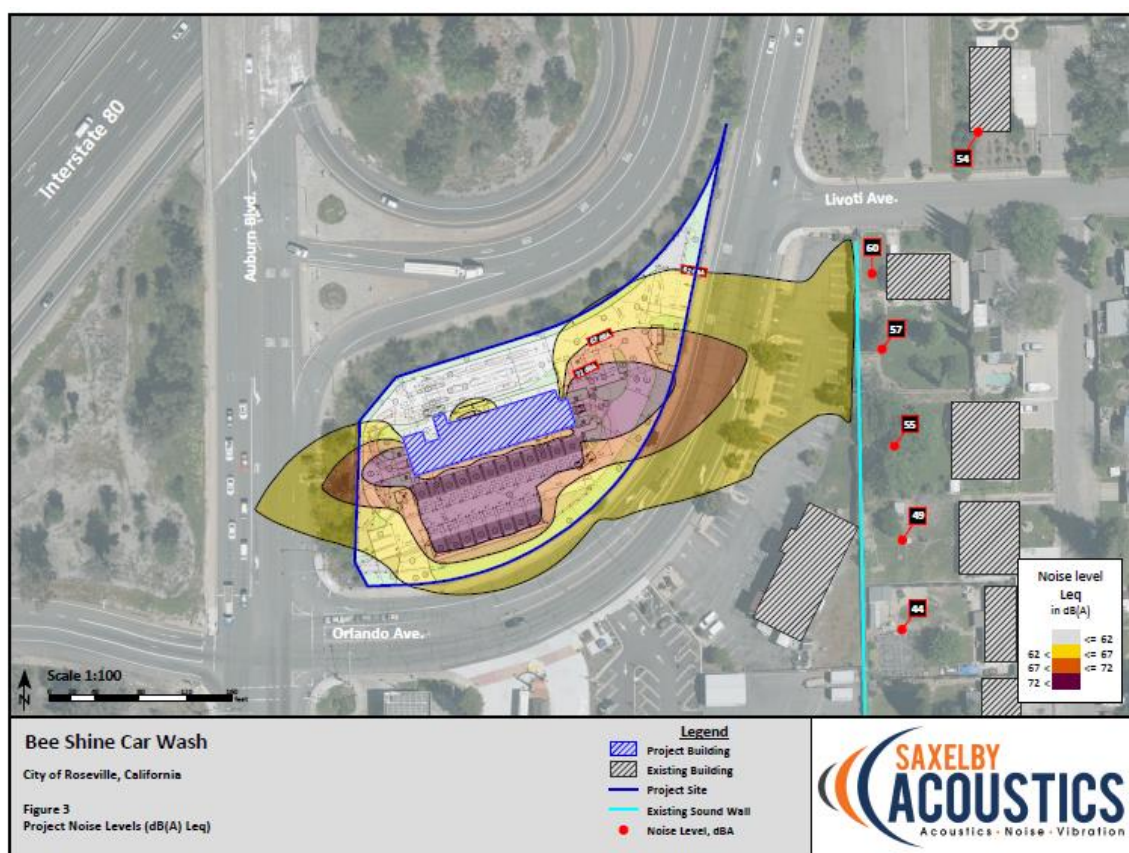
#### ***3. The location, size, design, and operating characteristics of the use or development is compatible with and shall not adversely affect or be materially detrimental to the health, safety, or welfare of persons residing or working in the area, or be detrimental or injurious to public or private property or improvements.***

The proposed project site is surrounded on all sides by roadways, with residential uses located to the east of Orlando Av. As automatic carwash facilities include several noise sources (i.e. vacuums, air dry blowers, vehicles stacking, and other equipment), City staff required the preparation of a site-specific noise study to evaluate the potential for conflicts with the City’s Noise Ordinance and potential impacts

to sensitive receptors. The City's General Plan Noise Element identifies sensitive receptors as places where people normally sleep, such as residences, lodging, hospitals, and assisted living facilities—in this case, the nearest sensitive receptor is the residential subdivision to the east of Orlando Av.

An Environmental Noise Assessment was prepared by Saxelby Acoustics in March of 2023. According to General Plan Noise Element Table IX-3, an acceptable exterior noise level during daytime hours (7:00 am to 10:00 pm) for stationary noise sources is 50dBA Leq, or an average sound level of 50 decibels, with a maximum allowable level of 70 dB. On page 7 of the noise study, included in Attachment 1 of the Initial Study/Mitigated Negative Declaration (Exhibit A of this report), existing background noise levels were collected at various points throughout the site. The study found that the primary existing noise source on the project site is the traffic on Interstate 80 to the northwest of the project site., resulting in an average noise level at the eastern property line (adjacent to Orlando Av.) to be 65 dBA Leq at the lowest. The study also measured ambient noise at the two nearest residential property lines, approximately 650 feet from the centerline of I-80, and 670 feet from the centerline of I-80. The Leq levels at these properties were found to be 61 and 60 dBA Leq, respectively.

**Figure 2 – Project Noise Contours**



The study evaluated several noise-generating components of the project, including the carwash dryers, semi-central vacuum producer, rooftop HVAC, and parking lot. The data used in the study relied on manufacturer's data, as well as Saxelby Acoustics data from similar carwash operations. A model (SoundPLAN noise prediction model) incorporated the sound power levels for the proposed carwash tunnel, existing and proposed buildings, terrain type, and locations of sensitive receptors, noise levels would not exceed 62 dBA Leq at the property line of the subject property. The study indicates that the most significant source of noise on the site would be vehicle circulation, rather than any mechanical equipment associated with the carwash use. Figure 2 of this report shows the project noise contours.

Due to the shape of the subject parcel, the carwash tunnel and vacuum stations are oriented towards the east and south. The exit for the tunnel, where the air dryers are located, are on the east side of the tunnel, oriented towards Orlando Av. and Livoti Av. The vacuum stations are to the south of the tunnel, closer to Orlando Av. The nearest home is located on the east side of Orlando Av., approximately 175 feet from the property line of the proposed project site. As the proposed project is not anticipated to exceed noise standards at the property line and only operate during daytime hours, no mitigation measures are recommended; however, the project includes a CUP, which will include a condition of approval to limit operations to daylight hours (CUP Condition #2). At the time of staff report publication, no comments or concerns were received by staff regarding the proposed project. No impacts to health, safety, or welfare of persons working or residing in the area are anticipated as a result of the proposed project.

## **EVALUATION – DESIGN REVIEW PERMIT**

The evaluation of the project is based on the applicable development standards within the City's Zoning Ordinance and the design standards of the Community Design Guidelines (CDG). Staff reviewed the proposal for consistency with all applicable standards and found the project to be consistent with the pertinent requirements and guidelines. Section 19.78.060 of the City of Roseville Zoning Ordinance requires that four findings be made to approve or conditionally approve a Design Review Permit (DRP). The four findings are listed below in ***bold, italicized*** text, and are followed by an evaluation.

- 1. The project as approved preserves and accentuates the natural features of the property, such as open space, topography, trees, wetlands and water courses, provides adequate drainage for the project, and allows beneficial use to be made of the site for development.***

The project site is currently developed with a vacant restaurant, comprised of a building and rail cars, as well as a parking area. The site does not retain natural features. The existing improvements will be removed to accommodate the proposed project. The project will direct all stormwater from the site into the storm drain system. Additionally, the project design has been reviewed by affected City Departments and will comply with City standards.

- 2. The project site design as approved provides open space; access; vehicle parking; vehicle, pedestrian, and bicycle circulation; pedestrian walks and links to alternative modes of transportation; loading areas; landscaping and irrigation; and lighting, which results in a safe, efficient, and harmonious development and which is consistent with the applicable goals, policies, and objectives set forth in the General Plan, the Community Design Guidelines, and the applicable Specific Plan and/or applicable Design Guidelines.***

Access and Circulation: The proposed project is located on Orlando Av., at the northeast intersection of Orlando Av. and Auburn Bl. The site has two driveways, one to the south (near the intersection of Auburn Bl. and Orlando Av.) and one towards the northeast end of the site. These existing driveways will be used by the proposed development; however, the southern driveway will be restricted to emergency vehicle access only. Sidewalks are constructed along the perimeter of the site, except for the northern property line, which is adjacent to the Interstate 80 on-ramp. Sidewalk facilities end to the north of the subject parcel. The stacking lane will begin on the north side of the carwash tunnel and split into three lanes, providing adequate space for waiting vehicles. Overflow traffic will not impact public right-of-way. Once users exit the carwash tunnel, they will have the option to enter the parking area with the vacuum spaces. The site plan shows that an accessible path of travel will connect to the existing pedestrian facilities along the Orlando Av. frontage.

Parking: According to Section 19.26.030 of the Zoning Ordinance, automatic carwash facilities require one parking space per drying and vacuum area plus 100 linear feet in front of the carwash for stacking. The project proposes 21 vacuum stall spaces and nine (9) open parking spaces. The entry area for the

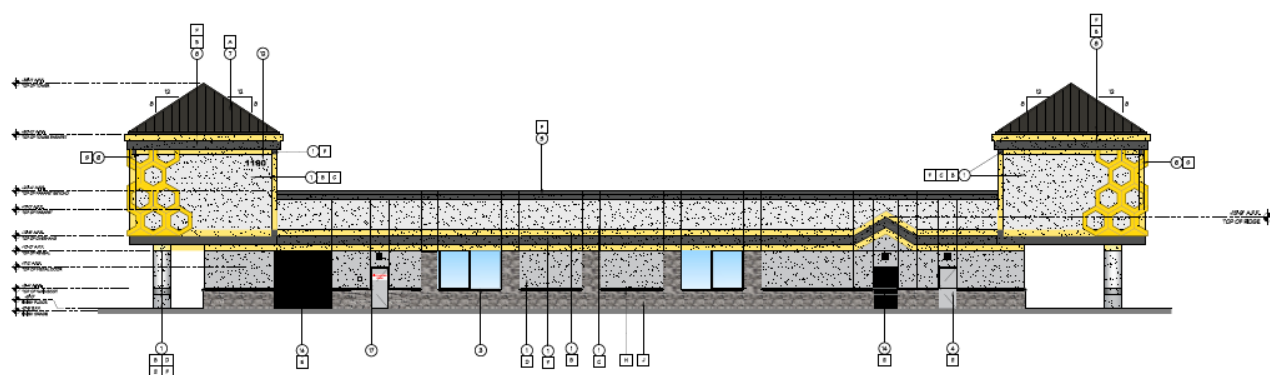
carwash facility includes three stacking lanes of approximately 150 linear feet each, exceeding the minimum requirement. The proposed project provides adequate parking for the use, exceeding Zoning Ordinance standards.

**Landscaping:** The project includes landscaping around the perimeter of the site, with a larger landscape area along the Orlando Av. frontage. The Community Design Guidelines require 20 feet of landscaping along a street frontage unless otherwise specified; however, due to existing constraints and the unique shape of the parcel, the landscape planter along Orlando Av. averages 15 feet in depth and narrows to approximately 12 feet. Landscape planter widths around the perimeter of the site are between four (4) and six (6) feet deep, and include a mix of trees and shrubs that include species such as Chinese Pistache, Australian Willow, and Crape Myrtle trees. The landscape palate is consistent with the CDG. Additionally, the CDG require that 50-percent of the paved parking areas be shaded by trees at 15-year maturity. The landscape plans indicate that 54-percent of the parking lot will be shaded. In addition to landscaping, the vacuum parking spaces will have canopy coverage to shade vehicles during vacuuming.

- 3. The building design, including the materials, colors, height, bulk, size, and relief, and the arrangement of the structures on the site, as approved, is harmonious with other development and buildings in the vicinity and which is consistent with the applicable goals, policies, and objectives set forth in the General Plan, the Community Design Guidelines, and the applicable Specific Plan and/or applicable design guidelines.**

The proposed building includes variations in the rooflines, architectural treatments, colors, and materials, as recommended by the Community Design Guidelines (CDG). The carwash tunnel building incorporates a variety of materials, including stucco, stacked stone, metal accents, and a standing seam metal roof. The colors include grey tones for the stucco and stone, with a yellow as an accent color throughout. The tunnel opening is accented with a tower feature and the honeycomb detail to represent the business brand. The site also includes a knee wall to shield the vacuum area, which uses the same stacked stone as the main building. The colors, variety of materials, and overall design are consistent with the Community Design Guidelines.

### Figure 3: Carwash Tunnel South Elevation



- 4. The design of the public services, as approved, including but not limited to, trash enclosures and service equipment, are located so as not to detract from the appearance of the site, and are screened appropriately and effectively using construction materials, colors, and landscaping that are harmonious with the site and the building designs.***

Most of the equipment for the proposed use is housed within the building, which includes an equipment room. The project includes a new trash enclosure along the eastern frontage of the property. The

enclosure will include materials consistent with the main carwash building, and will be surrounded by landscaping on three sides. Therefore, the treatment of service areas is consistent with the CDG.

### **PUBLIC OUTREACH**

The proposed project was distributed to the various agencies and departments which have requested notice of City applications, and all comments were considered and incorporated into the Conditions of Approval, as appropriate. Notice of the application was also distributed to the Roseville Coalition of Neighborhood Associations. No comments were received.

A neighborhood meeting was held at the Maidu Community Center on February 15, 2023. Notices were sent to all neighbors within a 300 foot radius of the project site. No one attended the meeting. Staff communicated with one individual who received a notice, and discussed the history of the site. No concerns about the proposed carwash use were received. A public notice of the Planning Commission hearing was published on June 8, 2023, and was distributed to all property owners within 300 feet of the project site. To date, no comments have been received.

### **ENVIRONMENTAL DETERMINATION**

An Initial Study/ Mitigated Negative Declaration (IS/MND) was prepared for the project pursuant to the provisions of the California Environmental Quality Act (CEQA). The IS/MND was released May 3, 2023 for a period of 20 days, ending on May 23, 2023. No comments pertaining to the adequacy of the environmental document were received during the public review period. As the project is located on an Infill parcel and is not within a Specific Plan area, mitigation measures to establish procedure in the event of inadvertent discoveries of subsurface cultural and tribal cultural resources are included with the Mitigation Monitoring and Reporting Program. Staff recommends that the Planning Commission adopt the Bee Shine Carwash Mitigated Negative Declaration, included as Exhibit A of this report.

### **RECOMMENDATION**

The Planning Division recommends the Planning Commission take the following actions:

1. Adopt the Bee Shine Carwash Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program.
2. Recommend the City Council adopt the findings of fact and approve the Rezone.
3. Adopt the findings of fact as stated in the staff report and approve the **Conditional Use Permit – 1100 Orlando Av.– INFILL PCL 229 – Bee Shine Carwash– PL22-0316** subject to two (2) conditions of approval.
4. Adopt the findings of fact as stated in the staff report and approve the **Design Review Permit – 1100 Orlando Av.– INFILL PCL 229 – Bee Shine Carwash– PL22-0316** subject to sixty-eight (68) conditions of approval.

#### **CONDITIONS OF APPROVAL FOR CONDITIONAL USE PERMIT FILE #PL22-0316**

1. The project is approved as shown in Exhibits A-G and as conditioned or modified below. (Planning)
2. The hours of operation shall be as follows:
  - a) 8:00 AM until 9:00 PM (Monday through Sunday)



**CONDITIONS OF APPROVAL FOR DESIGN REVIEW PERMIT FILE #PL22-0316**

1. This Design Review Permit approval shall be effectuated within a period of two (2) years from **June 22, 2023** and if not effectuated shall expire on **June 22, 2025**. Prior to said expiration date, the applicant may apply for an extension of time, provided this approval does not extend the expiration beyond **June 22, 2026**. (Planning)
2. The project is approved as shown in Exhibits A - G and as conditioned or modified below. (Planning)
3. The project shall comply with all required environmental mitigation identified in Bee Shine Carwash Mitigated Negative Declaration and shall include all applicable mitigation measures as notes on the grading plans. (All Departments)
4. The project shall be addressed as 1200 Orlando Avenue. All projects with multi-tenants or buildings must submit a site plan with building footprint(s) to the Development Services Department (Business Services – Addressing) for building/suite addressing. (Business Services)
5. The applicant shall pay City's actual costs for providing plan check, mapping, GIS, and inspection services. This may be a combination of staff costs and direct billing for contract professional services. Project billing may occur up to two (2) months after the end of warranty or the Notice of Termination date for the SWPPP, whichever occurs later. (Engineering, Environmental Utilities, Electric, Finance)
6. The design and construction of all improvements shall conform to the Design and Construction Standards of the City of Roseville, or as modified by these conditions of approval, or as directed by the City Engineer. (Engineering)
7. The applicant shall not commence with any on-site improvements or improvements within the right-of-way until such time as grading and/or improvement plans have been submitted for review and are approved with grading and/or encroachment permits issued by the Department of Development Services – Engineering Division. (Engineering)
8. The approval of this project does not constitute approval of proposed improvements as to size, design, materials, or location, unless specifically addressed in these conditions of approval. The Developer shall submit civil drawings to the Department of Development Services – Engineering Division for review and approval. (Engineering)

**PRIOR TO ISSUANCE OF BUILDING PERMITS:**

9. Parking lot design shall conform to the City's design standards, including the following minimum standards for parking stalls:
  - a. All parking stalls shall be double-striped. Parking stalls adjacent to sidewalks, landscaped areas or light fixtures, and all Accessible stalls shall abut a 6-inch raised curb or concrete bumper. (Planning)
  - b. Standard – 9 feet x 18 feet; Compact – 9 feet x 16 feet; Accessible – 14 feet x 18 feet (a 9-foot-wide parking area plus a 5-foot-wide loading area) and a minimum of one (1) parking space shall be Accessible van accessible – 17 feet x 18 feet (9-foot-wide parking area plus an 8-foot-wide loading area). (Planning)
  - c. An 'exterior routes of travel' site accessibility plan incorporating slope, cross-slope, width, pedestrian ramps, curb ramps, handrails, signage, detectable warnings or speed limit signs or equivalent means shall comprise part of the site improvement plans submitted to City for review, prior to building plan check approvals. This site accessibility plan shall also include:

- i. Accessible parking stalls shall be dispersed and located closest to accessible entrances. The total number of accessible parking spaces shall be established by Table 11B-208.2 of the CBC.
  - ii. Accessible Parking spaces and crosswalks shall be signed, marked and maintained as required by Chapter 11B of the CBC.
  - iii. Accessible parking and exterior route of travel shall comply with CBC, Sections 11B-206 and 11B-208. (Building)
10. Signs and/or striping shall be provided on-site as required by the Planning Department to control on-site traffic movements. Parking lot striping and signage shall be maintained in a visible and legible manner. (Planning)
11. The plans submitted to the Building Division for permits shall indicate all approved revisions/alterations as approved by the Commission including all conditions of approval. (Planning)
12. The project Landscape Plans shall comply with the following:
  - a. The Landscape Plan shall indicate the location of, and be designed to avoid conflicts with, all pole-mounted light fixtures and utility equipment including (but not limited to) electric transformers, switchgear, and overhead lines; backflow preventers; fire department connections; and public water, sewer, and storm drain facilities. (Planning, Fire, Environmental Utilities, Electric, Engineering)
  - b. The tree plantings in the parking lot shall be designed to provide a minimum of 50% shade coverage after 15 years. (Planning)
  - c. At a minimum, landscaped areas not covered with live material shall be covered with a rock, (3") bark (no shredded bark) or (3") mulch covering. (Planning)
  - d. The landscape plan shall comply with the Community Design Guidelines and the City of Roseville Water Efficient Landscape Ordinance. (Planning, Environmental Utilities)
  - e. Landscaping adjacent to preserve areas shall consist of California native, drought-tolerant groundcover, shrubs, plants, and trees. (Open Space, Planning)
  - f. All landscaping in areas containing electrical service equipment shall conform to the Electric Department's Landscape Requirements and Work Clearances as outlined in Section 10.00 of the Departments "Specification for Commercial Construction." (Electric)
  - g. Slopes within landscape planters shall be no more than 3:1. A two-foot flat bench located at back-of-walk shall be included in the landscape area to slow or allow absorption of nuisance run-off from the planters. (Parks, Recreation, and Libraries)
  - h. All landscaping shall conform to the standards of crime prevention through environmental design with the intent to create natural surveillance, controlling access, and territorial reinforcement to property boundaries. (Police)
13. Any roof-mounted equipment and satellite dishes proposed shall be shown on the building plans. The equipment shall be fully screened from public streets and the surrounding properties. (Planning)

14. At the time of building permit application and plan submittal, the project applicant shall submit a proposed plan which shows the proposed suite addressing for individual tenant spaces within the building. The Building Official, or the designee, shall approve said plan prior to building permit approval. Refer to the *City of Roseville Addressing Guidelines*. (Building)
15. A separate Architectural Site Accessibility Plan which details the project's site accessibility information as required by California Title 24, Part 2 shall be submitted as part of the project Building Permit Plans. (Building)
16. For Multiple Building Complexes: As part of the required Architectural Site Accessibility Plan, the developer shall delineate the extent of the site accessibility improvements being installed as part of the initial improvements for the project, and those that are planned to be developed as part of subsequent phases (i.e. around future pad buildings). (Building)
17. Building permit plans shall comply with all applicable code requirements (California Building Code – CBC – based on the International Building Code, California Green Building Standards Code–CGBSC, California Mechanical Code – CMC – based on the Uniform Mechanical Code, California Plumbing Code – CPC – based on the Uniform Plumbing Code, California Fire Code – CFC – based on the International Fire Code – with City of Roseville Amendments – RFC, California Electrical Code – CEC – based on the National Electrical Code, and California Energy Standards – CEC T-24 Part 6), California Title 24 and the American with Disabilities Act - ADA requirements, and all State and Federally mandated requirements in effect at the time of submittal for building permits (contact the Building Division for applicable Code editions). (Building)
18. Maintenance of copy of building plans: Health and Safety Code section 19850 requires the building department of every city or county to maintain an official copy of the building plans for the life of the building. As such, each individual building shall be submitted as a separate submittal package. Building plan review, permit issuance and archiving is based on each individual building address. (Building)
19. For all work to be performed off-site, permission to enter and construct shall be obtained from the property owner, in the form of a notarized right-of-entry. Said notarized right-of-entry shall be provided to Development Services – Engineering Division prior to approval of any plans. (Engineering)
20. The Improvement Plans shall include a complete set of Landscape Plans. The Landscape Plans shall be approved with the Improvement Plans. (Planning, Engineering, Fire, Environmental Utilities, Electric)
21. A note shall be added to the grading plans that states:  
  
*“Prior to the commencement of grading operations, the contractor shall identify the site where the **excess/borrow** earthen material shall be imported/deposited. If the **borrow/deposit** site is within the City of Roseville, the contractor shall produce a report issued by a geotechnical engineer to verify that the exported materials are suitable for the intended fill, and shall show proof of all approved grading plans. Haul routes to be used shall be specified.”* (Engineering)
22. Bike parking and clean air/carpool vehicle spaces shall be provided per the currently adopted California Green Building Standards or Transportation System Management Ordinance (R.M.C. Chapter 11.33). Bike rack/locker design and designated vehicle parking space markings and location shall be approved by Alternative Transportation. (Alternative Transportation, Building).

23. The applicant shall provide a 35' wide Type S driveway for the main access to the site on Orlando Avenue. An EVA with approved fire access gate shall also be provided, located just east of Auburn Boulevard along Orlando Avenue. (Engineering)
24. All storm drainage, including roof drains, shall be collected on site and treated with Best Management Practices (BMP's) per the City's Stormwater Quality Design Manual. All storm water shall be routed to the nearest existing storm drain system or natural drainage facility. Drain outfalls shall extend down to the receiving water and shall be constructed with adequate velocity attenuation devices. The grading/improvement plans for the site shall be accompanied with a shed map that defines that area tributary to this site and all drainage facilities shall be designed to accommodate the tributary flow. The storm drain system and proposed BMP's shall be privately owned and maintained by the property owner. Prior to the issuance of any permits, the owner shall provide a plan for the maintenance of the proposed BMP's. (Engineering)
25. The developer shall be responsible for any necessary relocation of signal interconnect cables that may require re-location as a result of the construction of turn lanes and/or driveways. (Engineering)
26. Sight distances for all driveways shall be clearly shown on the improvement plans to verify that minimum standards are achieved. It will be the responsibility of the project proponent to provide appropriate landscaping and improvement plans, and to relocate and/or modify existing facilities as needed to meet these design objectives. (Engineering)
27. The applicant shall remove and reconstruct any existing damaged curb, gutter, and sidewalk along the property frontage. During plan check of the improvement plans and/or during inspection, Development Services – Engineering Division will designate the exact areas to be reconstructed. Any existing public facilities damaged during the course of construction shall be repaired by the property owner and at the property owner's expense, to the satisfaction of the City. (Engineering)
28. Prior to the approval of the improvement plans, it will be the project proponent's responsibility to pay the standard City Trench Cut Recovery Fee for any cuts within the City streets that are required for the installation of underground utilities. (Engineering)
29. Prior to the issuance of building permits, the property owner shall pay into the following fee programs: Citywide Drainage Fee, Citywide Traffic Mitigation Fee (TMF), Highway 65 Joint Partners Association (JPA), South Placer Regional Transportation Authority (SPRTA), and City/County Fee. (Engineering)
30. Prior to the issuance of a grading permit or approval of Improvement Plans, the grading plans shall clearly identify all existing water, sewer and recycled water utilities within the boundaries of the project (including adjoining public right of way). Existing utilities shall be identified in plan-view and in profile-view where grading activities will modify existing site elevations over top of or within 15 feet of the utility. Any utilities that could potentially be impacted by the project shall be clearly identified along with the proposed protection measures. The developer shall be responsible for taking measures and incurring costs associated with protecting the existing water, sewer and recycled water utilities to the satisfaction of the Environmental Utilities Director. (Environmental Utilities)
31. The applicant will need to submit civil improvement plans directly to Citrus Heights Water District for approval of the water system. (Engineering)
32. The applicant shall pay all applicable sewer fees. (Environmental Utilities)
33. Water and sewer infrastructure shall be designed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards and shall include:

- a. Utilities or permanent structures shall not be located within the area which would be disturbed by an open trench needed to expose sewer trunk mains deeper than 12 feet unless approved by Environmental Utilities in these conditions. The area needed to construct the trench is a sloped cone above the sewer main. The cone shall have 1:1 side slopes.
  - b. Sewer mains shall not exceed a depth of 12 feet below finished grade, unless authorized in these conditions of approval.
  - c. All sewer manholes shall have all-weather, 10-ton vehicle access unless otherwise authorized by these conditions of approval. (Environmental Utilities)
34. The carwash must recycle 75% or more of the water used. Documentation of the wash process and recycled water utilized shall be submitted by the applicant and approved by the City prior to improvement plan approval. (Environmental Utilities)
35. Trash enclosures, recycling areas, and enclosure approaches shall be designed to current Refuse Division specifications, the materials and colors shall match the building, and the location of such facilities shall be reviewed and approved by the Refuse Division, Planning and the Fire Department. The enclosure must have inside dimensions of 12 feet wide and 9 feet deep and be built to the specifications of the Solid Waste Department's Enclosure Description. (Refuse, Planning, Fire)
36. Access to trash enclosures shall have an inside turning radius of 25 feet and an outside turning radius of 45 feet must be maintained to allow the refuse truck access to and from the enclosure. Enclosures must have a clear approach of 65 feet in front of the enclosure to allow servicing bins. (Refuse)
37. A trash enclosure and recycling enclosure is required for each building and each tenant, otherwise, the building owner is responsible for the trash service. (Refuse)
38. The design and installation of all fire protection equipment shall conform to the California Fire Code and the amendments adopted by the City of Roseville, along with all standards and policies implemented by the Roseville Fire Department. (Fire)
39. The applicable codes and standards adopted by the City shall be enforced at the time construction plans have been submitted to the City for permitting. (Fire)
40. The Electric Department requires the submittal of the following information in order to complete the final electric design for the project:
- a. one (1) set of improvement plans
  - b. load calculations
  - c. electrical panel one-line drawings
41. All on-site external lighting shall be installed and directed to have no off-site glare. Lighting within the parking areas and pedestrian walkways shall provide a maintained minimum of one (1) foot-candle, and 0.5 foot-candle of light, respectively. All exterior light fixtures shall be vandal resistant. (Planning, Police)
42. The parking lot shall have properly posted signs that state the use of the parking area is for the exclusive use of employees and customers of this project. (See California Vehicle Code Sections 22507.8, 22511.5, 22511.8, 22658(a), and the City of Roseville Municipal Code Section 11.20.110). The location of the signs shall be shown on the approved site plan. (Planning, Police)



43. It is the developer's responsibility to notify PG&E of any work required on PG&E facilities. (PG&E)

**DURING CONSTRUCTION & PRIOR TO ISSUANCE OF OCCUPANCY PERMITS:**

44. Any backflow preventers visible from the street shall be painted green to blend in with the surrounding landscaping. The backflow preventers shall be screened with landscaping and shall comply with the following criteria:

- a. There shall be a minimum clearance of four feet (4'), on all sides, from the backflow preventer to the landscaping.
- b. For maintenance purposes, the landscaping shall only be installed on three sides and the plant material shall not have thorns.
- c. The control valves and the water meter shall be physically unobstructed.
- d. The backflow preventer shall be covered with a green cover that will provide insulation. (Planning, Environmental Utilities)

45. The following easements shall be provided by separate instrument and shown on the site plan, unless otherwise provided for in these conditions:

- a. Additional internal easements will be required to cover primary electrical facilities to the project when the final electrical design is completed. (Electric)

46. Easement widths shall comply with the City's Improvement Standards and Construction Standards. Separate document easements required by the City shall be prepared in accordance with the City's "Policy for Dedication of Easements to the City of Roseville". All legal descriptions shall be prepared by a licensed land Surveyor. All existing public utility, electric, water, sewer and reclaimed water easements shall be maintained unless otherwise authorized by these conditions of approval. (Public Works, Environmental Utilities, Electric)

47. Inspection of the potable water supply system on new commercial/industrial/office projects shall be as follows:

- a. The Environmental Utilities Inspector will inspect all potable water supply up to the downstream side of the backflow preventer.
- b. The property owner/applicant shall be responsible for that portion of the water supply system from the backflow preventer to the building. The builder/contractor shall engage a qualified inspector to approve the installation of this portion of the water supply. The Building Division will require from the builder/contractor, a written document certifying that this portion of the potable water supply has been installed per improvement plans and in accordance with the Uniform Plumbing Code. This certificate of compliance shall be submitted to the Building Division before a temporary occupancy or a building final is approved.
- c. The building inspectors will exclusively inspect all potable water supply systems for the building from the shutoff valve at the building and downstream within the building. (Building, Environmental Utilities)

48. All improvements being constructed in accordance with the approved grading and improvement plans shall be accepted as complete by the City. (Engineering)

49. The words "traffic control appurtenances" shall be included in the list of utilities allowed in public utilities easements (PUE's) located along public roadways. (Engineering)
50. Water, sewer and reclaimed water shall be constructed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards. (Environmental Utilities)
51. All water backflow devices shall be tested and approved by the Environmental Utilities Department. (Environmental Utilities)
52. All Electric Department facilities, including streetlights where applicable, shall be designed and built to the "City of Roseville Specifications for Commercial Construction." (Electric)
53. The City of Roseville Electric Department has electrical construction charges which are to be paid by the developer and which are explained in the City of Roseville "Specification for Commercial Construction." These charges will be determined upon completion of the final electrical design. (Electric)
54. Any relocation, rearrangement, or change of existing electric facilities due to this development shall be at the developer's expense. (Electric)
55. Any facilities proposed for placement within public/electric utility easements shall be subject to review and approval by the Electric Department before any work commences in these areas. This includes, but is not limited to, landscaping, lighting, paving, signs, trees, walls, and structures of any type. (Electric)
56. All electric metering shall be directly outside accessible. This can be accomplished in any of the following ways:
  - a. Locate the metered service panel on the outside of the building.
  - b. Locate the metered service panel in a service room with a door that opens directly to the outside. The developer will be required to provide a key to the door for placement in a lock box to be installed on the outside of the door. Any doors leading from the service room to other areas of the building shall be secured to prohibit unauthorized entry. (Electric)
57. It is the responsibility of the developer to ensure that all existing electric facilities remain free and clear of any obstruction during construction and when the project is complete. (Electric)

**OTHER CONDITIONS OF APPROVAL:**

58. Signs shown on the elevations are not approved as part of the Design Review Permit. A Sign Permit is required for all project signs. (Planning)
59. Following the installation of the landscaping, all landscape material shall be maintained in a healthy and weed-free condition; dead plant material shall be replaced immediately. All trees shall be maintained and pruned in accordance with the accepted practices of the International Society of Arboriculture (ISA). (Planning)
60. The City reserves the right to restrict vehicle turning movements within the public right-of-way in the future if deemed necessary by the City Engineer. (Engineering)
61. The required width of fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. Minimum required widths and vertical clearances established by the Fire

Code shall be maintained at all times during construction. Closure of accesses for fire apparatus by gates, barricades and other devices shall be prohibited unless approved by the Fire Chief. (Fire)

62. Temporary aboveground storage tanks may be used at construction sites for diesel fuel only and shall not exceed 1,000 gallon capacity. Tanks shall comply with all provisions found within the Fire Code. A Fire Department Permit shall be obtained prior to tank installation. The permit shall expire after 90 days from the date of issuance, unless extended by the Fire Chief. (Fire)
63. If site survey or earth moving work results in the discovery of hazardous materials in containers or what appears to be hazardous wastes released into the ground, the contractor or person responsible for the building permit must notify the Roseville Fire Department immediately. A representative from the Fire Department will make a determination as to whether the incident is reportable or not and if site remediation is required. (Fire)
64. The location and design of the gas service shall be determined by PG&E. The design of the gas service for this project shall not begin until PG&E has received a full set of City approved improvement plans for the project. (PG&E)
65. The project is subject to the noise standards established in the City's Noise Ordinance. In accordance with the City's Noise Ordinance, project construction is exempt between the hours of seven a.m. and seven p.m. Monday through Friday, and between the hours of eight a.m. and eight p.m. Saturday and Sunday, provided that all construction equipment shall be fitted with factory installed muffling devices and be maintained in good working order. (Building)
66. The developer (or designated consultant) shall certify that the building foundation location has been placed according to all approved setback requirements shown on the approved site plan. The developer shall prepare a written statement confirming building placement and provide an original copy to the City Building Division Field Inspector at the time of or prior to the foundation inspection. (Building)
67. Prior to Certificate of Occupancy, the applicant may apply for a Temporary Certificate of Occupancy (TCO) of the building. If a TCO is desired, the applicant must submit a written request to the Building Division a minimum of thirty (30) days prior to the expected temporary occupancy date and shall include a schedule for occupancy and a description of the purpose for the Temporary Certificate of Occupancy. (Building)
68. Concurrent with submittal for plan check and prior to a request for final building inspection, the applicant may request City approval of an occupancy phasing plan to allow individual or multiple building occupancies. This request shall be made in writing to the Building Division and shall include the following:
  - a. A description of measures that will be undertaken to minimize conflict between residents/building occupants and construction traffic (e.g. fencing, etc.);
  - b. A phasing plan showing the proposed buildings, internal roads and access routes, landscaping, trash enclosure locations, and any other improvements planned for each phase; and
  - c. An estimated time frame for each phase and a specific date for the first phase. (Planning, Building)

**Exhibits**

- A. Bee Shine Carwash Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program
- B. Rezone
- C. Site Plan and Details
- D. Floor Plans
- E. Elevations
- F. Grading and Utility Plans
- G. Preliminary Landscape Plans

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b><u>Note to Applicant and/or Developer:</u></b> Please contact the Planning Division staff at (916) 774-5276 prior to the Commission meeting if you have any questions on any of the recommended conditions for your project. If you challenge the decision of the Commission in court, you may be limited to raising only those issues which you or someone else raised at the public hearing held for this project, or in written correspondence delivered to the Planning Manager at, or prior to, the public hearing.</p> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION**

**Notice** is hereby given that, as Lead Agency, the City of Roseville, Development Services Department, Planning Division has prepared an Initial Study leading to a Mitigated Negative Declaration for the project referenced below. This Mitigated Negative Declaration is available for public review and comment.

**Project Title/File#:** INFILL PCL 175 – Bee Shine Car Wash, File #PL22-0316

**Project Location:** 1100 Orlando Avenue, Roseville, Placer County, CA 95661 (APN 471-060-060-000)

**Project Applicant:** David Heumann, K12 Architects, Inc.; (916) 455-6500; 3090 Fite Circle, #104, Sacramento, CA 95827

**Project Owner:** Bethany Lee Angeles and Jesus Angeles; (916) 225-0551; 9441 Eagle Springs Court, Roseville, CA 95747

**Project Planner:** Shelby Maples, Associate Planner - City of Roseville; (916) 746-1347

**Project Description:**

The proposed project is a 4,542 square foot automated car wash facility with 21 vacuum stalls and nine (9) parking spaces. All interior planters, lighting, existing paving, and front curbs will be removed and replaced. New landscape planters will be added to the interior and property frontage. According to the project description, hours of operation will be 8:00 a.m. to 9:00 p.m. and there will be three (3) employees per shift. The project entitlements include a Rezone to change the zoning designation from Neighborhood Commercial (NC) to Community Commercial (CC), a Conditional Use Permit to allow the carwash use in the CC zone, and a Design Review Permit to review the site design.

The project site is not identified on any list of hazardous materials sites compiled pursuant to California Government Code Section 65962.5

**Document Review and Availability:** The public review and comment period begins on **May 3, 2023** and ends on **May 23, 2023**. The Mitigated Negative Declaration may be reviewed during normal business hours (8:00 am to 5:00 pm) at the Planning Division offices, located at 311 Vernon Street. It may also be viewed online at [http://www.roseville.ca.us/gov/development\\_services/planning/environmental\\_documents\\_n\\_public\\_notices.asp](http://www.roseville.ca.us/gov/development_services/planning/environmental_documents_n_public_notices.asp). **Written comments on the adequacy of the Mitigated Negative Declaration may be submitted to Shelby Maples, Planning Division, 311 Vernon Street, Roseville, CA 95678, and must be received no later than 5:00 pm on May 23, 2023.**

This project will be scheduled for a public hearing before the City's Planning Commission. At this hearing, the Planning Commission will consider the Mitigated Negative Declaration and associated project entitlements. The tentative hearing date is June 8, 2023.

Mike Isom  
Development Services Director

Dated: April 28, 2023

Publish: May 1, 2023



## MITIGATED NEGATIVE DECLARATION

**Project Title/File Number:** INFILL PCL 175 – Bee Shine Car Wash, File #PL22-0316  
**Project Location:** 1100 Orlando Avenue, Roseville, Placer County, CA 95661 (APN 471-060-060-000)  
**Project Applicant:** David Heumann, K12 Architects, Inc.; (916) 455-6500; 3090 Fite Circle, #104, Sacramento, CA 95827  
**Property Owner:** Bethany Lee Angeles and Jesus Angeles; (916) 225-0551; 9441 Eagle Springs Court, Roseville, CA 95747  
**Lead Agency Contact Person:** Shelby Maples, Associate Planner - City of Roseville; (916) 746-1347  
**Date:** May 1, 2023

### Project Description:

The proposed project is a new 4,542 square foot automatic carwash facility with 21 vacuum spaces and 9 parking spaces. The project entitlements include a Rezone to change the zoning designation from Neighborhood Commercial (NC) to Community Commercial (CC), a Conditional Use Permit to allow the carwash use in the CC zone, and a Design Review Permit to review the site design.

## DECLARATION

The Planning Manager has determined that the above project will not have significant effects on the environment and therefore does not require preparation of an Environmental Impact Report. The determination is based on the attached initial study and the following findings:

- A. *The project will not have the potential to degrade the quality of the environment, substantially reduce the habitat of fish or wildlife species, cause a fish or wildlife population to drop below self sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, rare or threatened species, reduce the number or restrict the range of rare or endangered plants or animals or eliminate important examples of the major periods of California history or prehistory.*
- B. *The project will not have the potential to achieve short-term, to the disadvantage of long-term, environmental goals.*
- C. *The project will not have impacts, which are individually limited, but cumulatively considerable.*
- D. *The project will not have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly.*
- E. *No substantial evidence exists that the project may have a significant effect on the environment.*
- F. *The project incorporates all applicable mitigation measures identified in the attached initial study.*
- G. *This Mitigated Negative Declaration reflects the independent judgment of the lead agency.*

## INITIAL STUDY & ENVIRONMENTAL CHECKLIST

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|                                   |                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Project Title/File Number:</b> | INFILL PCL 175 – Bee Shine Car Wash, File #PL22-0316                                                                                                                                                                                                                                                                                                                                      |
| <b>Project Location:</b>          | 1100 Orlando Avenue, Roseville, Placer County, CA 95661<br>(APN 471-060-060-000)                                                                                                                                                                                                                                                                                                          |
| <b>Project Description:</b>       | The proposed project is a new 4,542 square foot automatic carwash facility with 21 vacuum spaces and 9 parking spaces. The project entitlements include a Rezone to change the zoning designation from Neighborhood Commercial (NC) to Community Commercial (CC), a Conditional Use Permit to allow the carwash use in the CC zone, and a Design Review Permit to review the site design. |
| <b>Project Applicant:</b>         | David Heumann, K12 Architects, Inc.                                                                                                                                                                                                                                                                                                                                                       |
| <b>Property Owner:</b>            | Bethany Lee Angeles and Jesus Angeles                                                                                                                                                                                                                                                                                                                                                     |
| <b>Lead Agency Contact:</b>       | Shelby Maples, Associate Planner, (916) 746-1347                                                                                                                                                                                                                                                                                                                                          |

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This initial study has been prepared to identify and assess the anticipated environmental impacts of the above described project application. The document relies on the 2035 General Plan EIR and site-specific studies prepared to address in detail the effects or impacts associated with the project. Where documents were submitted by consultants working for the applicant, City staff reviewed such documents in order to determine whether, based on their own professional judgment and expertise, staff found such documents to be credible and persuasive. Staff has only relied on documents that reflect their independent judgment, and has not accepted at face value representations made by consultants for the applicant.

This document has been prepared to satisfy the California Environmental Quality Act (CEQA), (Public Resources Code, Section 21000 et seq.) and the State CEQA Guidelines (14 CCR 15000 et seq.). CEQA requires that all state and local government agencies consider the environmental consequences of projects over which they have discretionary authority before acting on those projects.

The initial study is a public document used by the decision-making lead agency to determine whether a project may have a significant effect on the environment. If the lead agency finds substantial evidence that any aspect of the project, either individually or cumulatively, may have a significant effect on the environment, regardless of whether the overall effect of the project is adverse or beneficial, the lead agency is required to prepare an EIR. If the agency finds no substantial evidence that the project or any of its aspects may cause a significant effect on the environment, a negative declaration shall be prepared. If in the course of analysis, the agency recognizes that the project may have a significant impact on the environment, but that by incorporating specific mitigation measures to which the applicant agrees, the impact will be reduced to a less than significant effect, a mitigated negative declaration shall be prepared.

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## Project Location

The project site is located on Parcel 175 in the Infill area of the City of Roseville (see Figure 1), at the northeast intersection of Auburn Boulevard and Orlando Avenue. The property is 1.23 acres and has an address of 1100 Orlando Av. (APN 471-060-060-000).

### Figure 1 – Project Location



## Background and Environmental Setting

The site is currently developed with a restaurant and paved parking area. The site was originally developed in 1980 with an approximate 6,000 square foot building that was occupied by a beauty college, which ceased operations in the early to mid-1980s. Subsequently, several rail cars were relocated to the site from a train station in Sacramento. The addition of the rail cars expanded the square footage of the facility by approximately 1,000 square feet. Various restaurants occupied the site following the beauty college's closure.

The site is served by two existing driveways on Orlando Av. An existing landscape setback is located around the perimeter of the site's frontage. The site has a zoning designation of Neighborhood Commercial (NC) and a General Plan land use designation of Community Commercial (CC). Table 1 below identifies the site and surrounding zoning and land use designations. Surrounding land uses include a freeway on-ramp (Auburn Bl.) to the north of the site, a gas station and a transit center to the south, Auburn Bl. and Interstate 80 to the west, and a restaurant to the east with single-family residences beyond. The single-family residences are located outside of the City of Roseville limits and are separated from the existing restaurant at 1201 Orlando Av. by a masonry wall.

**Table 1 – Site and Surrounding Zoning/Land Use**

| Location | Zoning                                              | General Plan Land Use     | Actual Use of Property                       |
|----------|-----------------------------------------------------|---------------------------|----------------------------------------------|
| Site     | NC (Neighborhood Commercial)                        | CC (Community Commercial) | Restaurant                                   |
| North    | n/a                                                 | n/a                       | Interstate 80 freeway on-ramp                |
| South    | NC and CC (Community Commercial) across Orlando Av. | CC                        | Gas station and Louis Orlando Transit Center |
| East     | CC across Orlando Av.                               | CC                        | Restaurant                                   |
| West     | NC and GC (General Commercial) across Auburn Bl.    | CC                        | Easement/Right of Way                        |

### Proposed Project

The proposed project is a 4,542 square foot automated car wash facility with 21 vacuum stalls and nine (9) parking spaces. All interior planters, lighting, existing paving, and front curbs will be removed and replaced. New landscape planters will be added to the interior and property frontage. According to the project description, hours of operation will be 8:00 a.m. to 9:00 p.m. and there will be three (3) employees per shift. The project entitlements include a Rezone to change the zoning designation from Neighborhood Commercial (NC) to Community Commercial (CC), a Conditional Use Permit to allow the carwash use in the CC zone, and a Design Review Permit to review the site design.

### CITY OF ROSEVILLE MITIGATION ORDINANCES, GUIDELINES, AND STANDARDS

For projects that are consistent with the development density established by existing zoning, community plan, or general plan policies for which an EIR was certified, CEQA Guidelines section 15183(f) allows a lead agency to rely on previously adopted development policies or standards as mitigation for the environmental effects, when the standards have been adopted by the City, with findings based on substantial evidence, that the policies or standards will substantially mitigate environmental effects, unless substantial new information shows otherwise (CEQA Guidelines §15183(f)). The City of Roseville adopted CEQA Implementing Procedures (Implementing Procedures) which are consistent with this CEQA Guidelines section. The current version of the Implementing Procedures were adopted in April 2008 (Resolution 08-172), along with Findings of Fact, and were updated in January 2021 (Resolution 21-018). The below regulations and ordinances were found to provide uniform mitigating policies and standards, and are applicable to development projects. The City's Mitigating Policies and Standards are referenced, where applicable, in the Initial Study Checklist.

- Noise Regulation (RMC Ch.9.24)
- Flood Damage Prevention Ordinance (RMC Ch.9.80)
- Traffic Mitigation Fee (RMC Ch.4.44)
- Drainage Fees (Dry Creek [RMC Ch.4.49] and Pleasant Grove Creek [RMC Ch.4.48])
- City of Roseville Improvement Standards (Resolution 02-37 and as further amended)
- City of Roseville Design and Construction Standards (Resolution 01-208 and as further amended)



- Tree Preservation Ordinance (RMC Ch.19.66)
- Internal Guidance for Management of Tribal Cultural Resources and Consultation (Tribal Consultation Policy) (Resolution 20-294)
- Subdivision Ordinance (RMC Title 18)
- Community Design Guidelines
- Specific Plan Design Guidelines:
  - Development Guidelines Del Webb Specific Plan
  - Landscape Design Guidelines for North Central Roseville Specific Plan
  - North Roseville Specific Plan and Design Guidelines
  - Northeast Roseville Specific Plan (Olympus Pointe) Signage Guidelines
  - North Roseville Area Design Guidelines
  - Northeast Roseville Specific Plan Landscape Design Guidelines
  - Southeast Roseville Specific Plan Landscape Design Guidelines
  - Stoneridge Specific Plan and Design Guidelines
  - Highland Reserve North Specific Plan and Design Guidelines
  - West Roseville Specific Plan and Design Guidelines
  - Sierra Vista Specific Plan and Design Guidelines
  - Creekview Specific Plan and Design Guidelines
  - Amoruso Ranch Specific Plan and Design Guidelines
- City of Roseville 2035 General Plan

## OTHER ENVIRONMENTAL DOCUMENTS RELIED UPON

- 2035 General Plan Update Final Environmental Impact Report, certified August 5, 2020

Pursuant to CEQA Guidelines Section 15183, any project which is consistent with the development densities established by zoning, a Community Plan, or a General Plan for which an EIR was certified shall not require additional environmental review, except as may be necessary to examine whether there are project-specific significant effects which are peculiar to the project or its site. The 2035 General Plan Update EIR (General Plan EIR) updated all Citywide analyses, including for vehicle miles traveled, greenhouse gas emissions, water supply, water treatment, wastewater treatment, and waste disposal. The proposed project is consistent with the adopted land use designations examined within the environmental documents listed above, and thus this Initial Study focuses on effects particular to the specific project site, impacts which were not analyzed within the EIR, and impacts which may require revisiting due to substantial new information. When applicable, the topical sections within the Initial Study summarize the findings within the environmental documents listed above. The analysis, supporting technical materials, and findings of the environmental document are incorporated by reference, and are available for review at the Civic Center, 311 Vernon Street, Roseville, CA.

## EXPLANATION OF INITIAL STUDY CHECKLIST

The California Environmental Quality Act (CEQA) Guidelines recommend that lead agencies use an Initial Study Checklist to determine potential impacts of the proposed project on the physical environment. The Initial Study Checklist provides a list of questions concerning a comprehensive array of environmental issue areas potentially affected by this project. This section of the Initial Study incorporates a portion of Appendix G Environmental

Checklist Form, contained in the CEQA Guidelines. Within each topical section (e.g. Air Quality) a description of the setting is provided, followed by the checklist responses, thresholds used, and finally a discussion of each checklist answer.

There are four (4) possible answers to the Environmental Impacts Checklist on the following pages. Each possible answer is explained below:

- 1) A “Potentially Significant Impact” is appropriate if there is enough relevant information and reasonable inferences from the information that a fair argument based on substantial evidence can be made to support a conclusion that a substantial, or potentially substantial, adverse change may occur to any of the physical conditions within the area affected by the project. When one or more “Potentially significant Impact” entries are made, an EIR is required.
- 2) A “Less Than Significant With Mitigation” answer is appropriate when the lead agency incorporates mitigation measures to reduce an impact from “Potentially Significant” to “Less than Significant.” For example, floodwater impacts could be reduced from a potentially-significant level to a less-than-significant level by relocating a building to an area outside of the floodway. The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less-than-significant level. Mitigation measures are identified as MM followed by a number.
- 3) A “Less Than significant Impact” answer is appropriate if there is evidence that one or more environmental impacts may occur, but the impacts are determined to be less than significant, or the application of development policies and standards to the project will reduce the impact(s) to a less-than-significant level. For instance, the application of the City’s Improvement Standards reduces potential erosion impacts to a less-than-significant level.
- 4) A “No Impact” answer is appropriate where it can be demonstrated that the impact does not have the potential to adversely affect the environment. For instance, a project in the center of an urbanized area with no agricultural lands on or adjacent to the project area clearly would not have an adverse effect on agricultural resources or operations. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources cited in the Initial Study. Where a “No Impact” answer is adequately supported by the information sources cited in the Initial Study, further narrative explanation is not required. A “No Impact” answer is explained when it is based on project-specific factors as well as generous standards.

All answers must take account of the whole action involved, including off- and on-site, indirect, direct, construction, and operation impacts, except as provided for under State CEQA Guidelines.

## INITIAL STUDY CHECKLIST

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### I. Aesthetics

The project site is located at the northeast intersection of Auburn Bl. and Orlando Av. in the Infill area of the City of Roseville. The site is developed with a restaurant building, a parking area, and landscaping. The site is bounded by Auburn Bl. to the west, Orlando Av. to the south and east, and a freeway on-ramp for Interstate 80 to the north. Surrounding uses include a gas station and transit center to the south and a restaurant to the east with single-family residential uses beyond.

Would the project:

| Environmental Issue                                                                                                                                                                                                                                                                                                                                                          | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Have a substantial adverse effect on a scenic vista?                                                                                                                                                                                                                                                                                                                      |                                |                                       |                              | X         |
| b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?                                                                                                                                                                                                                     |                                |                                       |                              | X         |
| c) In non-urbanized area, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality? |                                |                                       | X                            |           |
| d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?                                                                                                                                                                                                                                                       |                                |                                       | X                            |           |

### Thresholds of Significance and Regulatory Setting:

The significance of an environmental impact cannot always be determined through the use of a specific, quantifiable threshold. CEQA Guidelines Section 15064(b) affirms this by the statement “an ironclad definition of significant effect is not always possible because the significance of an activity may vary with the setting.” This is particularly true of aesthetic impacts. As an example, a proposed parking lot in a dense urban center would have markedly different visual effects than a parking lot in an open space area. For the purpose of this study, the significance thresholds are as stated in CEQA Guidelines Appendix G, as shown in a–d of the checklist below. The Findings of the Implementing Procedures indicate that compliance with the Zoning Ordinance (e.g. building height, setbacks, etc), Subdivision Ordinance (RMC Ch. 18), Community Design Guidelines (Resolution 95-347), and applicable Specific Plan Policies and/or Specific Plan Design Guidelines will prevent significant impacts in urban settings as it relates to items a, b, and c, below.

## Discussion of Checklist Answers:

a-b) There are no designated or eligible scenic vistas or scenic highways within or adjacent to the City of Roseville.

c) The project site is in an urban setting, and as a result lacks any prominent or high-quality natural features which could be negatively impacted by development. The City of Roseville has adopted Community Design Guidelines (CDG) for the purpose of creating building and community designs which are a visual asset to the community. The CDG includes guidelines for building design, site design and landscape design, which will result in a project that enhances the existing urban visual environment. Accordingly, the aesthetic impacts of the project are less than significant.

d) The project involves nighttime lighting to provide for the security and safety of project users. However, the project is already located within an urbanized setting with many existing lighting sources. Lighting is conditioned to comply with City standards (i.e. CDG) to limit the height of light standards and to require cut-off lenses and glare shields to minimize light and glare impacts. The project will not create a new source of substantial light. None of the project elements are highly reflective, and thus the project will not contribute to an increased source of glare.

## II. Agricultural & Forestry Resources

The State Department of Conservation oversees the Farmland Mapping and Monitoring Program, which was established to document the location, quality, and quantity of agricultural lands, and the conversion of those lands over time. The primary land use classifications on the maps generated through this program are: Urban and Built Up Land, Grazing Land, Farmland of Local Importance, Unique Farmland, Farmland of Statewide Importance, and Prime Farmland. According to the current California Department of Conservation Placer County Important Farmland Map (2012), the majority of the City of Roseville is designated as Urban and Built Up Land and most of the open space areas of the City are designated as Grazing Land. There are a few areas designated as Farmland of Local Importance and two small areas designated as Unique Farmland located on the western side of the City along Baseline Road. The current Williamson Act Contract map (2013/2014) produced by the Department of Conservation shows that there are no Williamson Act contracts within the City, and only one (on PFE Road) that is adjacent to the City. None of the land within the City is considered forest land by the Board of Forestry and Fire Protection.

Would the project:

| Environmental Issue                                                                                                                                                                                                                            | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use? |                                |                                       |                              | X         |
| b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?                                                                                                                                                           |                                |                                       |                              | X         |

| Environmental Issue                                                                                                                                                                                                                                                                        | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))? |                                |                                       |                              | X         |
| d) Result in the loss of forest land or conversion of forest land to non-forest use?                                                                                                                                                                                                       |                                |                                       |                              | X         |
| e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?                                                                               |                                |                                       |                              | X         |

### Thresholds of Significance and Regulatory Setting:

Unique Farmland, Farmland of Statewide Importance, and Prime Farmland are called out as protected farmland categories within CEQA Guidelines Appendix G. Neither the City nor the State has adopted quantified significance thresholds related to impacts to protected farmland categories or to agricultural and forestry resources. For the purpose of this study, the significance thresholds are as stated in CEQA Guidelines Appendix G, as shown in a–e of the checklist above.

### Discussion of Checklist Answers:

a–e) The project site is not used for agricultural purposes, does not include agricultural zoning, is not within or adjacent to one of the areas of the City designated as a protected farmland category on the Placer County Important Farmland map, is not within or adjacent to land within a Williamson Act Contract, and is not considered forest land. Given the foregoing, the proposed project will have no impact on agricultural resources.

### III. Air Quality

The City of Roseville, along with the south Placer County area, is located in the Sacramento Valley Air Basin (SVAB). The SVAB is within the Sacramento Federal Ozone Non-Attainment Area. Under the Clean Air Act, Placer County has been designated a "serious non-attainment" area for the federal 8-hour ozone standard, "non-attainment" for the state ozone standard, and a "non-attainment" area for the federal and state PM<sub>10</sub> standard (particulate matter less than 10 microns in diameter). Within Placer County, the Placer County Air Pollution Control District (PCAPCD) is responsible for ensuring that emission standards are not violated. Would the project:



| Environmental Issue                                                                                                                                                                     | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Conflict with or obstruct implementation of the applicable air quality plan?                                                                                                         |                                |                                       | X                            |           |
| b) Result in a cumulatively considerable net increase of any criteria for which the project region is non-attainment under an applicable federal or state ambient air quality standard? |                                |                                       | X                            |           |
| c) Expose sensitive receptors to substantial pollutant concentrations?                                                                                                                  |                                |                                       | X                            |           |
| d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?                                                                       |                                |                                       | X                            |           |

### Thresholds of Significance and Regulatory Setting:

In responding to checklist items a–c, project-related air emissions would have a significant effect if they would result in concentrations that either violate an ambient air quality standard or contribute to an existing air quality violation. To assist in making this determination, the PCAPCD adopted thresholds of significance, which were developed by considering both the health-based ambient air quality standards and the attainment strategies outlined in the State Implementation Plan. The PCAPCD-recommended significance threshold for reactive organic gases (ROG) and nitrogen oxides (NO<sub>x</sub>) is 82 pounds daily during construction and 55 pounds daily during operation, and for particulate matter (PM) is 82 pounds per day during both construction and operation. For all other constituents, significance is determined based on the concentration-based limits in the Federal and State Ambient Air Quality Standards. Toxic Air Contaminants (TAC) are also of public health concern, but no thresholds or standards are provided because they are considered to have no safe level of exposure. Analysis of TAC is based on the *Air Quality and Land Use Handbook – A Community Health Perspective* (April 2005, California Air Resources Board), which lists TAC sources and recommended buffer distances from sensitive uses. For checklist item c, the PCAPCD's *CEQA Air Quality Handbook (Handbook)* recommends that the same thresholds used for the project analysis be used for the cumulative impact analysis.

With regard to checklist item d, there are no quantified significance thresholds for exposure to objectionable odors or other emissions. Significance is determined after taking into account multiple factors, including screening distances from odor sources (as found in the PCAPCD CEQA Handbook), the direction and frequency of prevailing winds, the time of day when emissions are detectable/present, and the nature and intensity of the emission source.

### Discussion of Checklist Answers:

a–c) Analyses are not included for sulfur dioxide, lead, and other constituents because there are no mass emission thresholds; these are concentration-based limits in the Federal and State Ambient Air Quality Standards which require substantial, point-source emissions (e.g. refineries, concrete plants, etc) before exceedance will occur, and the SVAB is in attainment for these constituents. Likewise, carbon monoxide is not

analyzed because the SVAB is in attainment for this constituent, and it requires high localized concentrations (called carbon monoxide “hot spots”) before the ambient air quality standard would be exceeded. “Hot spots” are typically associated with heavy traffic congestion occurring at high-volume roadway intersections. The General Plan EIR analysis of Citywide traffic indicated that more than 70% of signalized intersections would operate at level of service C or better—that is, they will not experience heavy traffic congestion. It further indicated that analyses of existing CO concentrations at the most congested intersections in Roseville show that CO levels are well below federal and state ambient air quality standards. The discussions below focus on emissions of ROG, NO<sub>x</sub>, or PM. A project-level analysis has been prepared to determine whether the project will, on a singular level, exceed the established thresholds.

The PCAPCD recommends that lead agencies use the California Emissions Estimator Model (CalEEMod) to quantify a project’s construction and operational emissions for criteria air pollutants (NOX, ROG, and MP). The results are compared to the significance thresholds established by the district, as detailed above. According to PCAPCD’s published screening table, general commercial projects smaller than 249,099 square feet will not result in NOX emissions that exceed 55 lbs/day. Typically, NOX emissions are substantially higher than ROG and PM10; therefore, it can be assumed that projects that do not exceed the NOX threshold will not exceed the ROG and PM10 thresholds, and will not result in a significant impact related to operational emissions. The project proposes the construction of a 4,542 square foot building, which is well below PCAPCD’s modeled example. Given its small size, the project is not expected to result in construction or operational emissions that would exceed the district’s thresholds for significance.

The proposed project would not exceed the applicable thresholds of significance for air pollutant emissions during construction or operation. As such, the project would not conflict with or obstruct implementation of the *Sacramento Regional 8-Hour Ozone Attainment and Reasonable Further Progress Plan* (which is the SIP) or contribute substantially to the PCAPCD’s nonattainment status for ozone. In addition, because the proposed project would not produce substantial emissions of criteria air pollutants, CO, or TACs, adjacent residents would not be exposed to significant levels of pollutant concentrations during construction or operation. Therefore, implementation of the proposed project would result in less than significant impacts, and consistent with the analysis methodology outlined in the Significance Thresholds and Regulatory Setting section, cumulative impacts are less than significant.

With regard to TAC, there are hundreds of constituents which are considered toxic, but they are typically generated by stationary sources like gas stations, facilities using solvents, and heavy industrial operations. The proposed project is not a TAC-generating use, nor is it within the specified buffer area of a TAC-generating use, as established in the *Air Quality and Land Use Handbook – A Community Health Perspective*. Impacts due to substantial pollutant concentrations are less than significant.

e) Diesel fumes from construction equipment and delivery trucks are often found to be objectionable; however, construction is temporary and diesel emissions are minimal and regulated. Typical urban projects such as residences and retail businesses generally do not result in substantial objectionable odors when operated in compliance with City Ordinances (e.g. proper trash disposal and storage). The Project is a typical urban development that lacks any characteristics that would cause the generation of substantial unpleasant odors. Thus, construction and operation of the proposed project would not result in the creation of objectionable odors affecting a substantial number of people. A review of the project surroundings indicates that there are no substantial odor-generating uses near the project site; the project location meets the recommended screening distances from odor-generators provided by the PCAPCD. Impacts related to odors are less than significant.

#### IV. Biological Resources

The project is an infill development within an urban area of the City of Roseville. The site has been graded and paved, with existing maintained landscape areas.

Would the project:

| Environmental Issue                                                                                                                                                                                                                                                                                             | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service? |                                |                                       |                              | X         |
| b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?                                                        |                                |                                       |                              | X         |
| c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?                                                                                    |                                |                                       |                              | X         |
| d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?                                                                              |                                |                                       |                              | X         |

| Environmental Issue                                                                                                                                                                  | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?                                                  |                                |                                       |                              | X         |
| f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan? |                                |                                       |                              | X         |

### Thresholds of Significance and Regulatory Setting:

There is no ironclad definition of significance as it relates to biological resources. Thus, the significance of impacts to biological resources is defined by the use of expert judgment supported by facts, and relies on the policies, codes, and regulations adopted by the City and by regulatory agencies which relate to biological resources (as cited and described in the Discussion of Checklist Answers section). Thresholds for assessing the significance of environmental impacts are based on the CEQA Guidelines checklist items a–f, above. Consistent with CEQA Guidelines Section 15065, a project may have a significant effect on the environment if:

The project has the potential to substantially degrade the quality of the environment; substantially reduce the habitat of a fish or wildlife species; cause a fish or wildlife population to drop below self-sustaining levels; threaten to eliminate a plant or animal community; [or] substantially reduce the number or restrict the range of an endangered, rare or threatened species . . .

Various agencies regulate impacts to the habitats and animals addressed by the CEQA Guidelines checklist. These include the United States Fish and Wildlife Service, National Oceanic and Atmospheric Administration–Fisheries, United States Army Corps of Engineers, Central Valley Regional Water Quality Control Board, and California Department of Fish and Wildlife. The primary regulations affecting biological resources are described in the sections below.

Checklist item a addresses impacts to special status species. A “special status” species is one which has been identified as having relative scarcity and/or declining populations. Special status species include those formally listed as threatened or endangered, those proposed for formal listing, candidates for federal listing, and those classified as species of special concern. Also included are those species considered to be “fully protected” by the California Department of Fish and Wildlife (California Fish and Wildlife), those granted “special animal” status for tracking and monitoring purposes, and those plant species considered to be rare, threatened, or endangered in California by the California Native Plant Society (CNPS). The primary regulatory protections for special status species are within the Federal Endangered Species Act, California Endangered Species Act, California Fish and Game Code, and the Federal Migratory Bird Treaty Act.

Checklist item b addresses all “sensitive natural communities” and riparian (creekside) habitat that may be affected by local, state, or federal regulations/policies while checklist item c focuses specifically on one type of such a community: protected wetlands. Focusing first on wetlands, the 1987 Army Corps Wetlands Delineation Manual is used to determine whether an area meets the technical criteria for a wetland. A delineation verification by the Army Corps verifies the size and condition of the wetlands and other waters in question, and determines

the extent of government jurisdiction as it relates to Section 404 of the Federal Clean Water Act and Section 401 of the State Clean Water Act.

The Clean Water Act protects all “navigable waters”, which are defined as traditional navigable waters that are or were used for commerce, or may be used for interstate commerce; tributaries of covered waters; and wetlands adjacent to covered waters, including tributaries. Non-navigable waters are called isolated wetlands, and are not subject to either the Federal or State Clean Water Act. Thus, isolated wetlands are not subject to federal wetland protection regulations. However, in addition to the Clean Water Act, the State also has jurisdiction over impacts to surface waters through the Porter-Cologne Water Quality Control Act (Porter-Cologne), which does not require that waters be “navigable”. For this reason, isolated wetlands are regulated by the State of California pursuant to Porter-Cologne. The City of Roseville General Plan also provides protection for wetlands, including isolated wetlands, pursuant to the General Plan Open Space and Conservation Element. Federal, State and City regulations/policies all seek to achieve no net loss of wetland acreage, values, or function.

Aside from wetlands, checklist item b also addresses other “sensitive natural communities” and riparian habitat, which includes any habitats protected by local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service. The City of Roseville General Plan Open Space and Conservation Element includes policies for the protection of riparian areas and floodplain areas; these are Vegetation and Wildlife section Policies 2 and 3. Policy 4 also directs preservation of additional area around stream corridors and floodplain if there is sensitive woodland, grassland, or other habitat which could be made part of a contiguous open space area. Other than wetlands, which were already discussed, US Fish and Wildlife and California Department of Fish and Wildlife habitat protections generally result from species protections, and are thus addressed via checklist item a.

For checklist item d, there are no regulations specific to the protection of migratory corridors. This item is addressed by an analysis of the habitats present in the vicinity and analyzing the probable effects on access to those habitats which will result from a project.

The City of Roseville Tree Preservation ordinance (RMC Ch.19.66) requires protection of native oak trees, and compensation for oak tree removal. The Findings of the Implementing Procedures indicate that compliance with the City of Roseville Tree Preservation ordinance (RMC Ch.19.66) will prevent significant impacts related to loss of native oak trees, referenced by item e, above.

Regarding checklist item f, there are no adopted Habitat Conservation Plans within the City of Roseville.

### **Discussion of Checklist Answers:**

a-c) The project site is within an urban area of the City and is developed with an existing restaurant building. The site has been graded, paved with a parking area, and has landscape areas and sidewalk installed. No wetland or riparian habitat exists on the project site. No special status species are known to exist within the project area.

d) The City includes an interconnected network of open space corridors and preserves located throughout the City, to ensure that the movement of wildlife is not substantially impeded as the City develops. The development of the project site will not negatively impact these existing and planned open space corridors, nor is the project site located in an area that has been designated by the City, United States Fish and Wildlife, or California Department of Fish and Wildlife as vital or important for the movement of wildlife or the use of native wildlife nursery sites.

e) No oak trees will be removed as a part of the proposed project, and no other conflicts with City policy adopted for the purpose of mitigating environmental effects have been identified. There is no impact.



f) There are no Habitat Conservation Plans; Natural Community Conservation Plans; or other approved local, regional, or state habitat conservation plans that apply to the project site.

## V. Cultural Resources

As described within the Open Space and Conservation Element of the City of Roseville General Plan, the Roseville region was within the territory of the Nisenan (also Southern Maidu or Valley Maidu). Two large permanent Nisenan habitation sites have been identified and protected within the City's open space (in Maidu Park). Numerous smaller cultural resources, such as midden deposits and bedrock mortars, have also been recorded in the City. The gold rush which began in 1848 marked another settlement period, and evidence of Roseville's ranching and mining past are still found today. Historic features include rock walls, ditches, low terraces, and other remnants of settlement and activity. A majority of documented sites within the City are located in areas designated for open space uses.

Would the project:

| Environmental Issue                                                                                                  | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|----------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Cause a substantial adverse change in the significance of an historic resource pursuant to in Section 15064.5?    |                                | X                                     |                              |           |
| b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5? |                                | X                                     |                              |           |
| c) Disturb any human remains, including those interred outside of dedicated cemeteries?                              |                                | X                                     |                              |           |

### Thresholds of Significance and Regulatory Setting:

The significance of impacts to cultural resources is based directly on the CEQA Guidelines checklist items a–e listed above. The Archaeological, Historic, and Cultural Resources section of the City of Roseville General Plan also directs the proper evaluation of and, when feasible, protection of significant resources (Policies 1 and 2). There are also various federal and State regulations regarding the treatment and protection of cultural resources, including the National Historic Preservation Act and the Antiquities Act (which regulate items of significance in history), Section 7050.5 of the California Health and Safety Code, Section 5097.9 of the California Public Resources Code (which regulates the treatment of human remains) and Section 21073 et seq. of the California Public Resources Code (regarding Tribal Cultural Resources). The CEQA Guidelines also contains specific sections, other than the checklist items, related to the treatment of effects on historic resources.

Pursuant to the CEQA Guidelines, if it can be demonstrated that a project will cause damage to a unique archaeological resource, the lead agency may require reasonable efforts to be made to permit any or all of these resources to be preserved in place or left in an undisturbed state. To the extent that they cannot be left undisturbed, mitigation measures are required (Section 21083.2 (a), (b), and (c)). A *historical resource* is a resource listed, or determined to be eligible for listing, in the California Register of Historical Resources (CRHR)

(Section 21084.1); a resource included in a local register of historical resources (Section 15064.5(a)(2)); or any object, building, structure, site, area, place, record, or manuscript which a lead agency determines to be historically significant (Section 15064.5 (a)(3)). Public Resources Code Section 5024.1 requires evaluation of historical resources to determine their eligibility for listing on the CRHR.

### Discussion of Checklist Answers:

a–b and d) No cultural resources are known to exist on the project site; however, standard mitigation measures (Mitigation Measure CUL-01) apply which are designed to reduce impacts to cultural resources, should any be found on-site. The project is an infill site that has already experienced ground disturbance. Additionally, no requests to consult were received from tribal entities in response to AB-52 notification. The mitigation measure requires an immediate cessation of work, and contact with the appropriate agencies to address the resource before work can resume. With mitigation, project-specific impacts are less than significant.

c) No paleontological resources are known to exist on the project site; however, standard mitigation measures (Mitigation Measure CUL-02) apply which are designed to reduce impacts to such resources, should any be found on-site. The measure requires an immediate cessation of work, and contact with the appropriate agencies to address the resource before work can resume. With mitigation; project-specific impacts are less than significant.

## VI. Energy

Would the project:

| Environmental Issue                                                                                                                                                               | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation? |                                |                                       | X                            |           |
| b) Conflict with or obstruct a state or local plan for renewable energy or energy inefficiency?                                                                                   |                                |                                       | X                            |           |

### Thresholds of Significance and Regulatory Setting:

Established in 2002, California's Renewable Portfolio Standard (RPS) currently requires that 33 percent of electricity retail sales be served by renewable energy resources by 2020, and 50 percent by 2030. The City published a Renewables Portfolio Standard Procurement Plan in June 2018, and continues to comply with the RPS reporting and requirements and standards. There are no numeric significance thresholds to define "wasteful, inefficient, or unnecessary" energy consumption, and therefore significance is based on CEQA Guidelines checklist items a and b, above, and by the use of expert judgment supported by facts, relying on the policies, codes, and regulations adopted by the City and by regulatory agencies which relate to energy. The analysis considers compliance with regulations and standards, project design as it relates to energy use (including transportation energy), whether the project will result in a substantial unplanned demand on the City's energy resources, and whether the project will impede the ability of the City to meet the RPS standards.

## Discussion of Checklist Answers:

a & b) Roseville Electric provided an estimated energy usage for the proposed carwash, based on data from a similar use. The total annual kilowatt hour (kWh) use for the site is approximately 554,240 kWh, with an average monthly usage of 48,167 kWh. As stated in the thresholds of significance section, there is no stated numeric significance threshold to define “wasteful, inefficient, or unnecessary”; however, Roseville Electric has reviewed the proposed project and found that the Department has adequate capacity to serve the site. The project would consume energy both during project construction and during project operation.

During construction, fossil fuels, electricity, and natural gas would be used by construction vehicles and equipment. However, the energy consumed during construction would be temporary, and would not represent a significant demand on available resources. There are no unusual project characteristics that would necessitate the use of construction equipment or methods that would be less energy-efficient or which would be wasteful.

The completed project would consume energy related to building operation, exterior lighting, landscape irrigation and maintenance, and vehicle trips to and from the use. In accordance with California Energy Code Title 24, the project would be required to meet the Building Energy Efficiency Standards. This includes standards for water and space heating and cooling equipment; insulation for doors, pipes, walls, and ceilings; and appliances, to name a few. The project would also be eligible for rebates and other financial incentives from both the electric and gas providers for the purchase of energy-efficient appliances and systems, which would further reduce the operational energy demand of the project. The project was distributed to both PG&E and Roseville Electric for comments, and was found to conform to the standards of both providers; energy supplies are available to serve the project.

The project is consistent with the existing Community Commercial (CC) land use designation in the General Plan, as the project is not located within a Specific Plan area. The Environmental Impact Report (EIR) for the General Plan included an assessment of energy impacts for the entire City. The analysis included consideration of transportation energy, and evaluated walkability, alternative transportation modes, and the degree to which the mix and location of uses would reduce vehicle miles traveled in the plan area. The EIR also included a citywide assessment of energy demand based on the existing and proposed land uses within the City and Specific Plan. Impacts related to energy consumption were found to be less than significant. The project is consistent with the existing land use designation, and therefore is consistent with the current citywide assessment of energy demand, and will not result in substantial unplanned, inefficient, wasteful, or unnecessary consumption of energy; impacts are less than significant.

## VII. Geology and Soils

As described in the Safety Element of the City of Roseville General Plan, there are three inactive faults (Volcano Hill, Linda Creek, and an unnamed fault) in the vicinity, but there are no known active seismic faults within Placer County. The last seismic event recorded in the South Placer area occurred in 1908, and is estimated to have been at least a 4.0 on the Richter Scale. Due to the geographic location and soil characteristics within the City, the General Plan indicates that soil liquefaction, landslides, and subsidence are not a significant risk in the area.

Would the project:

| Environmental Issue                                                                                                            | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving: |                                |                                       |                              |           |

| Environmental Issue                                                                                                                                                                                                                                                                       | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| i) Ruptures of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.) |                                |                                       |                              | X         |
| ii) Strong seismic ground shaking?                                                                                                                                                                                                                                                        |                                |                                       |                              | X         |
| iii) Seismic-related ground failure, including liquefaction?                                                                                                                                                                                                                              |                                |                                       |                              | X         |
| iv) Landslides?                                                                                                                                                                                                                                                                           |                                |                                       |                              | X         |
| b) Result in substantial soil erosion or the loss of topsoil?                                                                                                                                                                                                                             |                                |                                       |                              | X         |
| c) Be located in a geological unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?                                                       |                                |                                       |                              | X         |
| d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?                                                                                                                       |                                |                                       |                              | X         |
| e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?                                                                                                        |                                |                                       |                              | X         |
| f) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?                                                                                                                                                                                 |                                |                                       | X                            |           |

## Thresholds of Significance and Regulatory Setting:

The significance of impacts related to geology and soils is based directly on the CEQA Guidelines checklist items a–f listed above. Regulations applicable to this topic include the Alquist-Priolo Act, which addresses earthquake safety in building permits, and the Seismic Hazards Mapping Act, which requires the state to gather and publish data on the location and risk of seismic faults. The Archaeological, Historic, and Cultural Resources section of the City of Roseville General Plan also directs the proper evaluation of and, when feasible, protection of significant archeological resources, which for this evaluation will include paleontological resources (Policies 1 and 2). Section 50987.5 of the California Public Code Section is only applicable to public land; this section prohibits the excavation, removal, destruction, or defacement/injury to any vertebrate paleontological site, including fossilized footprints or other paleontological feature.

The Findings of the Implementing Procedures indicate that compliance with the Flood Damage Prevention Ordinance (RMC Ch.9.80) and Design/Construction Standards (Resolution 07-107) will prevent significant impacts related to checklist item b. The Ordinance and standards include permit requirements for construction and development in erosion-prone areas and ensure that grading activities will not result in significant soil erosion or loss of topsoil. The use of septic tanks or alternative waste systems is not permitted in the City of Roseville, and therefore no analysis of criterion e is necessary.

## Discussion of Checklist Answers:

a) The project will not expose people or structures to potential substantial adverse effects involving seismic shaking, ground failure or landslides.

i–iii) According to United States Geological Service mapping and literature, active faults are largely considered to be those which have had movement within the last 10,000 years (within the Holocene or Historic time periods)<sup>1</sup> and there are no major active faults in Placer County. The California Geological Survey has prepared a map of the state which shows the earthquake shaking potential of areas throughout California based primarily on an area's distance from known active faults. The map shows that the City lies in a relatively low-intensity ground-shaking zone. Commercial, institutional, and residential buildings as well as all related infrastructure are required, in conformance with Chapter 16, *Structural Design Requirements*, Division IV, *Earthquake Design* of the California Building Code, to lessen the exposure to potentially damaging vibrations through seismic-resistant design. In compliance with the Code, all structures in the Project area would be well-built to withstand ground shaking from possible earthquakes in the region; impacts are less than significant.

iv) Landslides typically occur where soils on steep slopes become saturated or where natural or manmade conditions have taken away supporting structures and vegetation. The existing and proposed slopes of the project site are not steep enough to present a hazard during development or upon completion of the project. In addition, measures would be incorporated during construction to shore minor slopes and prevent potential earth movement. Therefore, impacts associated with landslides are less than significant.

b) Grading activities will result in the disruption, displacement, compaction and over-covering of soils associated with site preparation (grading and trenching for utilities). Grading activities for the project will be limited to the project site. Grading activities require a grading permit from the Engineering Division. The grading permit is reviewed for compliance with the City's Improvement Standards, including the provision of proper drainage, appropriate dust control, and erosion control measures. Grading and erosion control measures will be incorporated into the required grading plans and improvement plans. Therefore, the impacts associated with disruption, displacement, and compaction of soils associated with the project are less than significant.

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<sup>1</sup> United States Geological Survey, <http://earthquake.usgs.gov/learn/glossary/?term=active%20fault>, Accessed January 2016



c, d) A review of the Natural Resources Conservation Service Soil Survey for Placer County, accessed via the Web Soil Survey (<http://websoilsurvey.nrcs.usda.gov/app/>), indicates that the soils on the site are Cometa-Fiddymont complex, 1 to 5 percent slopes, and Xerorthents, cut and fill areas. Both soils are not listed as geologically unstable or sensitive.

f) No paleontological resources are known to exist on the project site per the General Plan EIR; however, standard mitigation measures apply which are designed to reduce impacts to such resources, should any be found on-site. The measure requires an immediate cessation of work, and contact with the appropriate agencies to address the resource before work can resume. The project will not result in any new impacts beyond those already discussed and disclosed in the General Plan EIR; project-specific impacts are less than significant.

## VIII. Greenhouse Gases

Greenhouse gases trap heat in the earth's atmosphere. The principal greenhouse gases (GHGs) that enter the atmosphere because of human activities are carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), and fluorinated gases. As explained by the United States Environmental Protection Agency<sup>2</sup>, global average temperature has increased by more than 1.5 degrees Fahrenheit since the late 1800s, and most of the warming of the past half century has been caused by human emissions. The City has taken proactive steps to reduce greenhouse gas emissions, which include the introduction of General Plan policies to reduce emissions, changes to City operations, and climate action initiatives.

Would the project:

| Environmental Issue                                                                                                               | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-----------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?       |                                |                                       | X                            |           |
| b) Conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of greenhouse gases? |                                |                                       | X                            |           |

## Thresholds of Significance and Regulatory Setting:

In Assembly Bill 32 (the California Global Warming Solutions Act), signed by Governor Schwarzenegger of California in September 2006, the legislature found that climate change resulting from global warming was a threat to California, and directed that “the State Air Resources Board design emissions reduction measures to meet the statewide emissions limits for greenhouse gases . . .”. The target established in AB 32 was to reduce emissions to 1990 levels by the year 2020. CARB subsequently prepared the *Climate Change Scoping Plan* (Scoping Plan) for California, which was approved in 2008. The Scoping Plan provides the outline for actions to reduce California's GHG emissions, and has been updated twice.

The current 2017 Scoping Plan updated the target year from 2020 to 2030, based on the targets established in Senate Bill 32 (SB 32). SB 32 was signed by the Governor on September 8, 2016, to establish a reduction target of 40 percent below 1990 levels by 2030. Critically, the 2017 Scoping Plan also sets the path toward compliance

<sup>2</sup> <http://www3.epa.gov/climatechange/science/overview.html>, Accessed January 2016

with the 2050 target embodied within Executive Order S-3-05 as well. According to the 2017 Scoping Plan the statewide 2030 target is 260 million metric tons. The Scoping Plan recommends an efficiency target approach for local governments for 2030 and 2050 target years.

The Placer County Air Pollution Control District (PCAPCD) recommends that thresholds of significance for GHG be related to statewide reduction goals and has adopted thresholds of significance which take into account the 2030 reduction target. The thresholds include a de minimis and a bright-line maximum threshold, as well as residential and non-residential efficiency thresholds. However, the City developed its own thresholds as part of the 2035 General Plan Update project approved in July 2020. The justification for the City's thresholds is contained within the General Plan EIR. The thresholds were developed based on statewide emissions data adjusted for relevant local conditions and land uses. The significance thresholds are shown in Table 1 below.

**Table 1: GHG Significance Thresholds**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 2020 | 2030 | 2035 | 2050 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|
| Per Capita Emissions Efficiency Targets<br>(MT CO <sub>2</sub> e/capita/yr)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 7.21 | 4.00 | 3.22 | 1.19 |
| Per Service Population Emissions<br>Efficiency Targets<br>(MT CO <sub>2</sub> e/SP/yr)                                                                                                                                                                                                                                                                                                                                                                                                                                            | 5.07 | 2.79 | 2.25 | 0.83 |
| Projects which use these thresholds for environmental analysis should include a brief justification of the type of efficiency target and the target year selected. Per capita is most applicable to projects which only include residential uses, or in cases where reliable data to generate a service population estimate is unavailable. Projects should generally use the 2035 target year. Note that future projects consistent with the General Plan will not require further analysis, per the tiering provisions of CEQA. |      |      |      |      |
| Note: MMT CO <sub>2</sub> e = million metric tons of carbon dioxide equivalent; Service Population (SP) = population + employment                                                                                                                                                                                                                                                                                                                                                                                                 |      |      |      |      |

### Discussion of Checklist Answers:

a–b) Greenhouse gases are primarily emitted as a result of vehicle operation associated with trips to and from a project, and energy consumption from operation of the buildings. Greenhouse gases from vehicles is assessed based on the vehicle miles traveled (VMT) resulting from the project, on a Citywide basis. Residential projects, destination centers (such as a regional mall), and major employers tend to increase VMT in a study area, either by adding new residents traveling in an area, or by encouraging longer trip lengths and drawing in trips from a broader regional area. However, non-residential projects and neighborhood-serving uses (e.g. neighborhood parks) tend to lower VMT in a study area because they do not generate new trips within the study area, they divert existing trips. These trips are diverted because the new use location is closer to home, on their way to another destination (e.g. work), or is otherwise more convenient.

The proposed project is a 4,542 square foot carwash facility. While the project requires a rezone from Neighborhood Commercial to Community Commercial, the existing land use designation is Community Commercial, which is designated for commercial uses such as carwash facilities. As further discussed and evaluated in Section XVII (Transportation) of this Initial Study, the project is considered a locally-serving use that does not include any unique characteristics that would draw regional traffic, or would prompt longer trips. The project is presumed to have a less than significant impact to the transportation system on the basis of project-generated VMT. Additionally, the project is consistent with the City's General Plan and will not create additional trips that have not already been evaluated in the General Plan EIR.

The City's General Plan EIR included an analysis of GHG emissions, which would result from buildout of the City's General Plan. The EIR concluded that the General Plan build out would exceed the City's threshold of 2.25 MT CO<sub>2</sub>e per service population and that the effect was cumulatively considerable. Although mitigation

measures were adopted as part of the General Plan, those measures would not reduce impacts to less than significant levels, and impacts were considered significant and unavoidable. The proposed project is consistent with the land use assumptions in the General Plan EIR and does not require further analysis per the tiering provisions of CEQ. The project includes reasonable and feasible design measures to reduce emissions, including implementation of the latest Cal-Green and energy efficiency code requirements. The project complies with General Plan policy related to GHG and the project does not result in any new GHG impacts not previously analyzed in the General Plan EIR; therefore, impacts are less than significant.

## IX. Hazards and Hazardous Materials

No hazardous sites or potential for hazardous materials have been identified within 1000 feet of the project site, as indicated by a search of the State of California's Envirostor database (<http://www.envirostor.dtsc.ca.gov/public/>) on April 11, 2023. However, according to the California State Water Resources Control Board Geotracker website (<http://geotracker.waterboards.ca.gov/>), there are three hazardous cleanup sites of record within 1,000 feet of the site. All three sites were Leaking Underground Storage Tanks (LUST) cleanup sites. The cleanup status of all three sites is completed and the cases have been closed. Of the three sites, the nearest cleanup site is the underground fuel storage tank at the Exxon gas station located approximately 80 feet south of the project site.

Would the project:

| Environmental Issue                                                                                                                                                                             | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?                                                         |                                |                                       | X                            |           |
| b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment? |                                |                                       | X                            |           |
| c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?                                 |                                |                                       |                              | X         |

| Environmental Issue                                                                                                                                                                                                                                                                 | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?                                                      |                                |                                       |                              | X         |
| e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area? |                                |                                       |                              | X         |
| f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?                                                                                                                                                           |                                |                                       | X                            |           |
| g) Expose people or structures either directly or indirectly to a significant risk of loss, injury or death involving wildland fires?                                                                                                                                               |                                |                                       | X                            |           |

### Thresholds of Significance and Regulatory Setting:

The significance of impacts related to hazardous materials is based directly on the CEQA Guidelines checklist items a–g listed above. A material is defined as hazardous if it appears on a list of hazardous materials prepared by a federal, state or local regulatory agency, or if it has characteristics defined as hazardous by such an agency. The determination of significance based on the above criteria depends on the probable frequency and severity of consequences to people who might be exposed to the health hazard, and the degree to which Project design or existing regulations would reduce the frequency of or severity of exposure. As an example, products commonly used for household cleaning are classified as hazardous when transported in large quantities, but one would not conclude that the presence of small quantities of household cleaners at a home would pose a risk to a school located within ¼-mile.

Many federal and State agencies regulate hazards and hazardous substances, including the United States Environmental Protection Agency (US EPA), California Department of Toxic Substances Control (DTSC), Central Valley Regional Water Quality Control Board (Regional Water Board), and the California Occupational Safety and Health Administration (CalOSHA). The state has been granted primacy (primary responsibility for oversight) by the US EPA to administer and enforce hazardous waste management programs. State regulations also have detailed planning and management requirements to ensure that hazardous materials are handled, stored, and

disposed of properly to reduce human health risks. California regulations pertaining to hazardous waste management are published in the California Code of Regulations (see 8 CCR, 22 CCR, and 23 CCR).

The project is not within an airport land use plan or within two miles of a public or private use airport. Therefore, no further discussion is provided for item e.

### Discussion of Checklist Answers:

a, b) Standard construction activities would require the use of hazardous materials such as fuels, oils, lubricants, glues, paints and paint thinners, soaps, bleach, and solvents. These are common household and commercial materials routinely used by both businesses and average members of the public. The materials only pose a hazard if they are improperly used, stored, or transported either through upset conditions (e.g. a vehicle accident) or mishandling. In addition to construction use, the operational project would result in the use of common hazardous materials as well, including bleach, solvents, and herbicides. Regulations pertaining to the transport of materials are codified in 49 Code of Federal Regulations 171–180, and transport regulations are enforced and monitored by the California Department of Transportation and by the California Highway Patrol. Specifications for storage on a construction site are contained in various regulations and codes, including the California Code of Regulations, the Uniform Fire Code, and the California Health and Safety Code. These same codes require that all hazardous materials be used and stored in the manner specified on the material packaging. Existing regulations and programs are sufficient to ensure that potential impacts as a result of the use or storage of hazardous materials are reduced to less than significant levels.

c) See response to Items (a) and (b) above. While development of the site will result in the use, handling, and transport of materials deemed to be hazardous, the materials in question are commonly used in both residential and commercial applications, and include materials such as bleach and herbicides. The project will not result in the use of any acutely hazardous materials, substances, or waste. The nearest school to the site, Merryhill Elementary and Middle School, is located approximately 0.2 miles to the north.

d) The project is not located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5<sup>3</sup>; therefore, no impact will occur.

e) This project is located within an area currently receiving City emergency services and development of the site has been anticipated and incorporated into emergency response plans. As such, the project will cause a less than significant impact to the City's Emergency Response or Management Plans. Furthermore, the project will be required to comply with all local, State and federal requirements for the handling of hazardous materials, which will ensure less-than-significant impacts. These will require the following programs:

- A Risk Management and Prevention Program (RMPP) is required of uses that handle toxic and/or hazardous materials in quantities regulated by the California Health and Safety Code and/or the City.
- Businesses that handle toxic or hazardous materials are required to complete a Hazardous Materials Management Program (HMMP) pursuant to local, State, or federal requirements.

g) The California Department of Forestry and Fire Protection (CAL FIRE) is the state agency responsible for wildland fire protection and management. As part of that task, CAL FIRE maintains maps designating Wildland Fire Hazard Severity zones. The City is not located within a Very High Fire Hazard Severity Zone, and is not in a CAL FIRE responsibility area; fire suppression is entirely within local responsibility. The project site is in an urban area, and therefore would not expose people to any risk from wildland fire. There would be no impact with regard to this criterion.

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<sup>3</sup> <http://www.calepa.ca.gov/SiteCleanup/CorteseList/SectionA.htm>



## X. Hydrology and Water Quality

As described in the Open Space and Conservation Element of the City of Roseville General Plan, the City is located within the Pleasant Grove Creek Basin and the Dry Creek Basin. Pleasant Grove Creek and its tributaries drain most of the western and central areas of the City and Dry Creek and its tributaries drain the remainder of the City. Most major stream areas in the City are located within designated open space. The project site is in an infill parcel and has been previously developed with a restaurant and parking lot. The use, a carwash facility, is consistent with the site's Community Commercial land use designation.

Would the project:

| Environmental Issue                                                                                                                                                                                                    | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?                                                                             |                                |                                       | X                            |           |
| b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?                                  |                                |                                       | X                            |           |
| c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would: |                                |                                       | X                            |           |
| i) result in substantial erosion or siltation on or off-site;                                                                                                                                                          |                                |                                       | X                            |           |
| ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;                                                                                            |                                |                                       | X                            |           |

| Environmental Issue                                                                                                                                                               | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater systems or provide substantial additional sources of polluted runoff; or |                                |                                       | X                            |           |
| iv) impede or redirect flood flows?                                                                                                                                               |                                |                                       | X                            |           |
| d) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?                                                           |                                |                                       | X                            |           |
| e) In flood hazard, tsunami, or seiches zones, risk release of pollutants due to project inundation?                                                                              |                                |                                       |                              | X         |

### Thresholds of Significance and Regulatory Setting:

The significance of impacts related to hydrology and water quality is based directly on the CEQA Guidelines checklist items a–e listed above. For checklist item a, c (i), d, and e, the Findings of the Implementing Procedures indicate that compliance with the City of Roseville Design/Construction Standards (Resolution 07-107), Urban Stormwater Quality Management and Discharge Control Ordinance (RMC Ch. 14.20), and Stormwater Quality Design Manual (Resolution 16-152) will prevent significant impacts related to water quality or erosion. The standards require preparation of an erosion and sediment control plan for construction activities and includes designs to control pollutants within post-construction urban water runoff. Likewise, it is indicated that the Drainage Fees for the Dry Creek and Pleasant Grove Watersheds (RMC Ch.4.48) and City of Roseville Design/Construction Standards (Resolution 07-107) will prevent significant impacts related to checklist items c (ii) and c (iii). The ordinance and standards require the collection of drainage fees to fund improvements that mitigate potential flooding impacts, and require the design of a water drainage system that will adequately convey anticipated stormwater flows without increasing the rate or amount of surface runoff. These same ordinances and standards prevent impacts related to groundwater (items a and d), because developers are required to treat and detain all stormwater onsite using stormwater swales and other methods which slow flows and preserve infiltration. Finally, it is indicated that compliance with the Flood Damage Prevention Ordinance (RMC Ch. 9.80) will prevent significant impacts related to items c (iv) and e. The Ordinance includes standard requirements for all new construction, including regulation of development with the potential to impede or redirect flood flows, and prohibits development within flood hazard areas. Impacts from tsunamis and seiches were screened out of the analysis (item e) because the project is not located near a water body or other feature that would pose a risk of such an event.

### Discussion of Checklist Answers:

a,c (i),d, e) The project will involve the disturbance of on-site soils and the construction of impervious surfaces, such as asphalt paving and buildings. Disturbing the soil can allow sediment to be mobilized by rain or wind, and cause displacement into waterways. To address this and other issues, the developer is required to receive

approval of a grading permit and/or improvement plants prior to the start of construction. The permit or plans are required to incorporate mitigation measures for dust and erosion control. In addition, the City has a National Pollutant Discharge Elimination System (NPDES) Municipal Stormwater Permit issued by the Central Valley Regional Water Quality Control Board which requires the City to reduce pollutants in stormwater to the maximum extent practicable. The City does this, in part, by means of the City's 2016 Design/Construction Standards, which require preparation and implementation of a Stormwater Pollution Prevention Plan. All permanent stormwater quality control measures must be designed to comply with the City's Manual for Stormwater Quality Control Standards for New Development, the City's 2016 Design/Construction Standards, Urban Stormwater Quality Management and Discharge Control Ordinance, and Stormwater Quality Design Manual. For these reasons, impacts related to water quality are less than significant.

b, d) The project does not involve the installation of groundwater wells. The City maintains wells to supplement surface water supplies during multiple dry years, but the effect of groundwater extraction on the aquifer was addressed in the City's Urban Water Master Plan and evaluated in the General Plan EIR. The proposed project is consistent with the General Plan land use designation, and is thus consistent with the citywide evaluation of water supply. Project impacts related to groundwater extraction are less than significant. Furthermore, all permanent stormwater quality control measures must be designed to comply with the Stormwater Quality Design Manual, which requires the use of bioswales and other onsite detention and infiltration methods. These standards ensure that stormwater will continue to infiltrate into the groundwater aquifer.

c (ii and iii)) The project has been reviewed by City Engineering staff for conformance with City ordinances and standards. The project includes adequate and appropriate facilities to ensure no net increase in the amount or rate of stormwater runoff from the site, and which will adequately convey stormwater flows.

c (iv) and e) The project has been reviewed by City Engineering staff for conformance with City ordinances and standards. The project is not located within either the Federal Emergency Management Agency floodplain or the City's Regulatory Floodplain (defined as the floodplain which will result from full buildout of the City). Therefore, the project will not impede or redirect flood flows, nor will it be inundated. The proposed project is located within an area of flat topography and is not near a waterbody or other feature which could cause a seiche or tsunami. There would be no impact with regard to these criterion.

## **XI. Land Use and Planning**

The project site is located in an infill area of the City, with a zoning designation of Neighborhood Commercial (NC) and a land use designation of Community Commercial (CC). Surrounding land uses include a freeway on-ramp (Auburn Bl.) to the north of the site, a gas station to the south, Auburn Bl. and Interstate 80 to the west, and a restaurant to the east. Single-family residences outside of the City limits are located to the east of the restaurant building.

Would the project:

| <b>Environmental Issue</b>                     | <b>Potentially Significant Impact</b> | <b>Less Than Significant With Mitigation</b> | <b>Less Than Significant Impact</b> | <b>No Impact</b> |
|------------------------------------------------|---------------------------------------|----------------------------------------------|-------------------------------------|------------------|
| a) Physically divide an established community? |                                       |                                              |                                     | X                |

| Environmental Issue                                                                                                                                                                                 | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation of an agency adopted for the purpose of avoiding or mitigating an environmental effect? |                                |                                       |                              | X         |

### Thresholds of Significance and Regulatory Setting:

The significance of impacts related to land use is based directly on the CEQA Guidelines checklist items a and b listed above. Consistency with applicable City General Plan policies, Improvement Standards, and design standards is already required and part of the City's processing of permits and plans, so these requirements do not appear as mitigation measures.

### Discussion of Checklist Answers:

a) The project area has been master planned for development, including adequate roads, pedestrian paths, and bicycle paths to provide connections within the community. The project will not physically divide an established community.

b) The project includes a Rezone to change the zoning from NC to CC to be consistent with the land use designation. A carwash facility is conditionally compatible with the CC land use and zoning designation, and therefore requires a Conditional Use Permit. The Conditional Use Permit will place restrictions on the site operations, including hours of operation. No conflicts with any policies adopted to mitigate an environmental effect have been identified.

## XII. Mineral Resources

The Surface Mining and Reclamation Act (SMARA) of 1975 requires the State Geologist to classify land into Mineral Resource Zones (MRZ's) based on the known or inferred mineral resource potential of that land. The California Division of Mines and Geology (CDMG) was historically responsible for the classification and designation of areas containing—or potentially containing—significant mineral resources, though that responsibility now lies with the California Geological Survey (CGS). CDMG published Open File Report 95-10, which provides the mineral classification map for Placer County. A detailed evaluation of mineral resources has not been conducted within the City limits, but MRZ's have been identified. There are four broad MRZ categories (MRZ-1 through MRZ-4), and only MRZ-2 represents an area of known significant mineral resources. The City of Roseville General Plan EIR included Exhibit 4.1-3, depicting the location of MRZ's in the City limits. There is only one small MRZ-2 designation area, located at the far eastern edge of the City.

Would the project:

| Environmental Issue                                                                                                                                                   | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?                                |                                |                                       |                              | X         |
| b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan? |                                |                                       |                              | X         |

#### Thresholds of Significance and Regulatory Setting:

The significance of impacts related to mineral resources is based directly on the CEQA Guidelines checklist items a and b listed above.

#### Discussion of Checklist Answers:

a–b) The project site is not in the area of the City known to include any mineral resources that would be of local, regional, or statewide importance; therefore, the project has no impacts on mineral resources.

### XIII. Noise

The project site is located at the northeast intersection of Auburn Bl. and Orlando Av. and is bounded by Auburn Bl. to the west, Orlando Av. to the south and east, and a freeway on-ramp for Interstate 80 to the north. Surrounding uses include a gas station and transit center to the south and a restaurant to the east, across Orlando Av. The nearest sensitive receptors are located outside of the City boundaries, approximately 180 feet to the east of the site. An existing CMU masonry wall is located along the single-family residences between the adjacent restaurant use at 1201 Orlando Av.

Would the project result in:

| Environmental Issue                                                                                                                                                                                                                               | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies? |                                |                                       | X                            |           |



| Environmental Issue                                                                                                                                                                                                                                                                                       | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| b) Generation of excessive ground borne vibration of ground borne noise levels?                                                                                                                                                                                                                           |                                |                                       | X                            |           |
| c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels? |                                |                                       |                              | X         |

### Thresholds of Significance and Regulatory Setting:

Standards for transportation noise and non-transportation noise affecting existing or proposed land uses are established within the City of Roseville General Plan Noise Element, and these standards are used as the thresholds to determine the significance of impacts related to items a and c. The significance of other noise impacts is based directly on the CEQA Guidelines checklist items b and c listed above. The Findings of the Implementing Procedures indicate that compliance with the City Noise Regulation (RMC Ch. 9.24) will prevent significant non-transportation noise as it relates to items a and b. The Ordinance establishes noise exposure standards that protect noise-sensitive receptors from a variety of noise sources, including non-transportation/fixed noise, amplified sound, industrial noise, and events on public property. The project is not within an airport land use plan, within two miles of a public or public use airport and there are also no private airstrips in the vicinity of the project area. Therefore, item c has been ruled out from further analysis.

### Discussion of Checklist Answers:

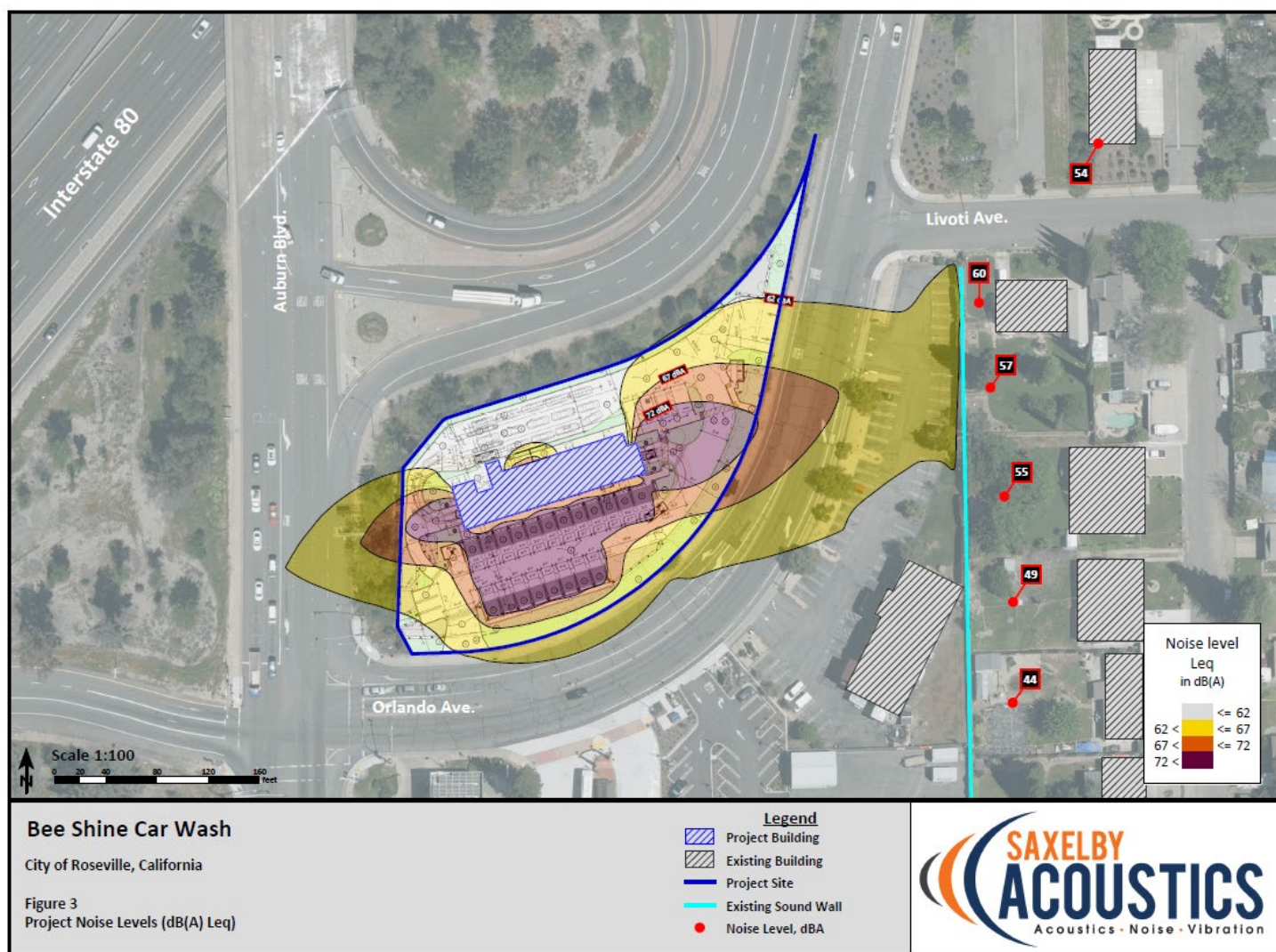
- a) Due to the nature of the carwash machinery, including the air dryers within the carwash tunnel and the vacuum stations, a site-specific noise study was prepared to evaluate the potential impact of noise from the project on adjacent receptors. An Environmental Noise Assessment was prepared by Saxelby Acoustics, LLC on March 6, 2023 (Attachment 1) to determine whether the proposed project would result in a substantial temporary or permanent increase in ambient noise in excess of standards established within the General Plan and Noise Ordinance.

According to General Plan Noise Element Table IX-3, an acceptable exterior noise level during daytime hours (7:00 am to 10:00 pm) for stationary noise sources is 50dBA Leq, or an average sound level of 50 decibels, with a maximum allowable level of 70 dB. On page 7 of the noise study, included in Attachment 1 of this Initial Study, existing background noise levels were collected at various points throughout the site. The study found that the existing ambient noise environment in the project vicinity is primarily defined by traffic on Interstate 80, resulting in an average daytime noise level to the east of the site (adjacent to the single-family residential uses) to be 61 Leq. These measurements were taken at the property line on the restaurant side of the existing CMU masonry wall.

The study evaluated several noise-generating components of the project, including the air blowers, central vacuum producer, vacuum station area, rooftop HVAC, and vehicle circulation. The data used in the study relied on manufacturer's data, as well as Saxelby Acoustics data from similar car wash operations. Since the

sensitive receptors (i.e., the residential uses to the east) are located outside of the City of Roseville limits and are under the jurisdiction of Placer County, the project noise levels were compared against Placer County's stationary noise level standards. A model (SoundPLAN noise prediction model) incorporated the sound power levels for the proposed carwash tunnel, existing and proposed buildings, terrain type, and locations of sensitive receptors, and found that property line noise levels at the nearest sensitive receptors would be less than 60 dBA Leq during daytime hours (7:00 a.m. to 10:00 p.m.), which would comply with Placer County's exterior noise level standards. The Figure 2 below from the study shows the project noise contours.

**Figure 2 – Project Noise Levels**



As the proposed project is not anticipated to exceed noise standards at the residential property line during daytime hours, no mitigation measures are recommended. The project includes a Conditional Use Permit, which will include a condition of approval to limit operations to daytime hours (7:00 a.m. to 10:00 p.m.). Therefore, project impacts related to noise will be less than significant.

b) Surrounding uses may experience short-term increases in groundborne vibration, groundborne noise, and airborne noise levels during construction. However, these increases would only occur for a short period of time. When conducted during daytime hours, construction activities are exempt from Noise Ordinance

standards, but the standards do apply to construction occurring during nighttime hours. While the noise generated may be a minor nuisance, the City Noise Regulation standards are designed to ensure that impacts are not unduly intrusive. Based on this, the impact is less than significant.

#### XIV. Population and Housing

The project site is located within the Infill area of the City and has a land use designation of Community Commercial. The City of Roseville General Plan Table II-4 identifies the total number of residential units and population anticipated as a result of buildout of the City, and the Specific Plan likewise includes unit allocations and population projections for the Plan Area. Would the project:

| Environmental Issue                                                                                                                                                                                                 | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)? |                                |                                       | X                            |           |
| b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?                                                                                     |                                |                                       |                              | X         |

#### Thresholds of Significance and Regulatory Setting:

The significance of impacts related to population and housing is based directly on the CEQA Guidelines checklist items a and b listed above.

#### Discussion of Checklist Answers:

a) The CEQA Guidelines identify several ways in which a project could have growth-inducing impacts (Public Resources Code Section 15126.2), either directly or indirectly. Growth-inducement may be the result of fostering economic growth, fostering population growth, providing new housing, or removing barriers to growth. Growth inducement may be detrimental, beneficial, or of no impact or significance under CEQA. An impact is only deemed to occur when it directly or indirectly affects the ability of agencies to provide needed public services, or if it can be shown that the growth will significantly affect the environment in some other way. The project is consistent with the land use designation of the site. Therefore, while the project in question will induce some level of growth, this growth was already identified and its effects disclosed and mitigated within the General Plan EIR. Therefore, the impact of the project is less than significant.

b) The project site is designated for commercial uses, and is developed with a restaurant and parking. No housing exists on the project site, and there would be no impact with respect to these criteria.

## XV. Public Services

Fire protection, police protection, park services, and library services are provided by the City. The project is located within the Roseville Elementary and Roseville Joint Union High School Districts. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:

| Environmental Issue         | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-----------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Fire protection?         |                                |                                       | X                            |           |
| b) Police protection?       |                                |                                       | X                            |           |
| c) Schools?                 |                                |                                       |                              | X         |
| d) Parks?                   |                                |                                       |                              | X         |
| e) Other public facilities? |                                |                                       | X                            |           |

### Thresholds of Significance and Regulatory Setting:

The significance of impacts related to public services is based directly on the CEQA Guidelines checklist items a–e listed above. The EIR for the Specific Plan addressed the level of public services which would need to be provided in order to serve planned growth in the community. Development Agreements and other conditions have been adopted in all proposed growth areas of the City which identify the physical facilities needed to serve growth, and the funding needed to provide for the construction and operation of those facilities and services; the project is consistent with the General Plan. In addition, the project has been routed to the various public service agencies, both internal and external, to ensure that the project meets the agencies' design standards (where applicable) and to provide an opportunity to recommend appropriate conditions of approval.

### Discussion of Checklist Answers:

a) Existing City codes and regulations require adequate water pressure in the water lines, and construction must comply with the Uniform Fire and Building Codes used by the City of Roseville. Additionally, the applicant is required to pay a fire service construction tax, which is used for purchasing capital facilities for the Fire Department. Existing codes, regulations, funding agreements, and facilities plans are sufficient to ensure less than significant impacts.

b) Sales taxes and property taxes resulting from development will add revenue to the General Fund, which provides funding for police services. Existing codes, regulations, funding agreements, and facilities plans are sufficient to ensure less than significant impacts.

c) The project is not a residential use and will not have an impact on school services.

d) The project is not a residential use and will not have an impact on parks facilities.

e) The City charges fees for end-users for other services, such as garbage and greenwaste collection, in order to fund those services. Existing codes, regulations, funding agreements, and facilities plans are sufficient to ensure less than significant impacts.

## XVI. Recreation

The proposed project is a new carwash facility, located on a parcel designated for Community Commercial uses. The nearest park facility, Cresthaven Park, is approximately 1.1 miles to the northwest of the project site.

Would the project:

| Environmental Issue                                                                                                                                                                                | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated? |                                |                                       |                              | X         |
| b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?            |                                |                                       |                              | X         |

### Thresholds of Significance and Regulatory Setting:

The significance of impacts related to recreation services is based directly on the CEQA Guidelines checklist items a–b listed above.

### Discussion of Checklist Answers:

a) The EIR for the General Plan addressed the level of park services—including new construction, maintenance, and operations—which would need to be provided in order to serve planned growth in the community. Given that the project is a commercial project and is consistent with the General Plan, the project would not cause any unforeseen or new impacts related to the use of existing or proposed parks and recreational facilities. There is no impact to use of park facilities as a result of this project.

b) The proposed project is a carwash, and is not located within the vicinity of any existing parks. The project will not cause any unforeseen or new impacts related to the construction or expansion of recreational facilities.

## XVII. Transportation

The proposed project is located on Orlando Av., at the northeast intersection of Orlando Av. and Auburn Bl. Two driveways, one on the north end and one on the south end of the project site, provide access to Orlando Av. These existing driveways will be used by the proposed development. Sidewalks are fully constructed along the perimeter of the site, except for the northern property line, which is adjacent to the Interstate 80 on-ramp. Existing bikeways are located on Orlando Av. adjacent to the site. In addition, the site is adjacent to the Louis Orlando Transit Center to the south, across Orlando Av., which includes bus services for Roseville Transit, Sacramento Regional Transit and Placer County Transit buses.



Would the project:

| Environmental Issue                                                                                                                                                 | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?            |                                |                                       | X                            |           |
| b) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?                                                                               |                                |                                       | X                            |           |
| c) Substantially increase hazards due to a geometric design feature(s) (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)? |                                |                                       | X                            |           |
| d) Result in inadequate emergency access?                                                                                                                           |                                |                                       | X                            |           |

### Thresholds of Significance and Regulatory Setting:

The City has adopted the following plans, ordinances, or policies applicable to checklist item a: Pedestrian Master Plan, Bicycle Master Plan, and Short-Range Transit Plan, and General Plan Circulation Element. The project is evaluated for consistency with these plans and the policies contained within them. For checklist item b, the CEQA Guidelines Section 15064.3 establishes a detailed process for evaluating the significance of transportation impacts. In accordance with this section, the analysis must focus on the generation of vehicle miles traveled (VMT); effects on automobile delay cannot be considered a significant impact. The City developed analysis guidance and thresholds as part of the 2035 General Plan Update project approved in July 2020. The detailed evaluation and justification is contained within the General Plan EIR.

Future projects consistent with the General Plan will not require further VMT analysis, pursuant to the tiering provisions of CEQA. For projects which are inconsistent, CEQA Guidelines Section 15064.3(b) allows lead agencies discretion to determine, in the context of a particular project, whether to rely on a qualitative analysis or performance-based standards. CEQA Guidelines Section 15064.7(b) allows lead agencies the discretion to select their own thresholds and allow for differences in thresholds based on context.

Quantitative analysis would not be required if it can be demonstrated that the project would generate VMT which is equivalent to or less than what was assumed in the General Plan EIR. Examples of such projects include:

- Local-serving retail and other local-serving development, which generally reduces existing trip distances by providing services in closer proximity to residential areas, and therefore reduce VMT.
- Multi-family residences, which generally have fewer trips per household than single-family residences, and therefore also produce less VMT per unit.

- Infill projects in developed areas generally have shorter trips, reduced vehicle trips, and therefore less VMT.
- Pedestrian, bicycle, transit, and electric vehicle transportation projects.
- Residential projects in low per-capita household VMT areas and office projects in low per-worker VMT areas (85 percent or less than the regional average) as shown on maps maintained by SACOG or within low VMT areas as shown within Table 4.3-8 of the General Plan EIR.

When quantitative analysis is required, the threshold of 12.8 VMT/capita may be used for projects not within the scope of the General Plan EIR, provided the cumulative context of the 2035 General Plan has not changed substantially. Since approval of the 2035 General Plan, the City has not annexed new land, substantially changed roadway network assumptions, or made any other changes to the 2035 assumptions which would require an update to the City's VMT thresholds contained within the General Plan EIR. Therefore, the threshold of 12.8 VMT/capita remains appropriate.

No qualitative VMT analysis was conducted for the proposed project, as the development is both consistent with the General Plan land use designation and will be an infill project in a development area.

Impacts with regard to items c and d are assessed based on the expert judgment of the City Engineer and City Fire Department, as based upon facts and consistency with the City's Design and Construction Standards.

#### **Discussion of Checklist Answers:**

a) The City of Roseville has adopted a Pedestrian Master Plan, Bicycle Master Plan, and Short-Range Transit Plan. The project was reviewed for consistency with these documents, and no conflicts were identified.

b) No qualitative VMT analysis was completed for the proposed project because it is consistent with the existing land use designation, is a local-serving commercial development, and will be constructed on an infill parcel. It is assumed (based on the thresholds of significance) that the proposed project will reduce VMT. Therefore, impacts are less than significant.

c, d) The project has been reviewed by the City Engineering and City Fire Department staff, and has been found to be consistent with the City's Design Standards. Furthermore, standard conditions of approval added to all City project require compliance with Fire Codes and other design standards. Compliance with existing regulations ensure that impacts are less than significant.

#### **XVIII. Tribal Cultural Resources**

As described within the Open Space and Conservation Element of the City of Roseville General Plan, the Roseville region was within the territory of the Nisenan (also Southern Maidu or Valley Maidu). Two large permanent Nisenan habitation sites have been identified and protected within the City's open space (in Maidu Park). Numerous smaller cultural resources, such as midden deposits and bedrock mortars, have also been recorded in the City. A majority of documented sites within the City are located in areas designated for open space uses.

Would the project cause a substantial adverse change in the significance of a Tribal Cultural Resource as defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically

defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

| Environmental Issue                                                                                                                                                                                                                                                                                                                                                                                                     | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code section 5020.1(k)?                                                                                                                                                                                                                             |                                | X                                     |                              |           |
| b) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1? In applying the criteria set forth in subdivision (c) of Public Resources Code Section 5024.1 the lead agency shall consider the significance of the resource to a California Native American tribe. |                                | X                                     |                              |           |

### Thresholds of Significance and Regulatory Setting:

In addition to archeological resources, tribal cultural resources are also given particular treatment. Tribal cultural resources are defined in Public Resources Code Section 21074, as either 1) a site, feature, place, geographically-defined cultural landscape, sacred place, or object with cultural value to a California Native American Tribe, that is listed or eligible for listing on the California Register or Historical Resources, or on a local register of historical resources or as 2) a resource determined by the lead agency, supported by substantial evidence, to be significant according to the historical register criteria in Public Resources Code section 5024.1(c), and considering the significance of the resource to a California Native American Tribe.

### Discussion of Checklist Answers:

a) The project site is located within the Infill area of the City, and no tribal cultural resources are known to exist on the site. However, standard mitigation measures apply which are designed to reduce impacts to any previously undiscovered resources, should any be found on-site. The measure requires an immediate cessation of work, and contact with the appropriate agencies to address the resource before work can resume. With mitigation; project-specific impacts are less than significant.

b) Notice of the proposed project was mailed to tribes which had requested such notice pursuant to AB 52. A request for consultation was not received. As discussed in item a, above, no resources are known to occur in the area. However, standard mitigation measures apply which are designed to reduce impacts to resources, should any be found on-site. The measure requires an immediate cessation of work, and contact with the

appropriate agencies to address the resource before work can resume. With mitigation; project-specific impacts are less than significant.

### **XIX. Utilities and Service Systems**

The project site is located within a developed area of the City of Roseville, and will be served by the Dry Creek Wastewater Treatment Plant.

Would the project:

| <b>Environmental Issue</b>                                                                                                                                                                                                                                                           | <b>Potentially Significant Impact</b> | <b>Less Than Significant With Mitigation</b> | <b>Less Than Significant Impact</b> | <b>No Impact</b> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------|-------------------------------------|------------------|
| a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects? |                                       |                                              | X                                   |                  |
| b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?                                                                                                                           |                                       |                                              | X                                   |                  |
| c) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?                                                                 |                                       |                                              | X                                   |                  |
| d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?                                                                                              |                                       |                                              | X                                   |                  |
| e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?                                                                                                                                                                   |                                       |                                              | X                                   |                  |

### Thresholds of Significance and Regulatory Setting:

The significance of impacts related to utilities and service systems is based directly on the CEQA Guidelines checklist items a–e listed above.

### Discussion of Checklist Answers:

a) The project is consistent with the zoning and land use designation of Community Commercial, and will be required to construct any utilities infrastructure necessary to serve the project, as well as pay fees which fund the operation of the facilities and the construction of major infrastructure. Minor additional infrastructure will be constructed within the project site to tie the project into the major systems, but these facilities will be constructed in locations where site development is already occurring as part of the overall project; there are no additional substantial impacts specific or particular to the minor infrastructure improvements.

b) The City of Roseville 2015 Urban Water Management Plan (UWMP), adopted May 2016, estimates water demand and supply for the City through the year 2040, based on existing land use designations and population projections. In addition, the General Plan EIR estimates water demand and supply for ultimate General Plan buildout. The project is consistent with existing land use designations, and is therefore consistent with the assumptions of the UWMP and General Plan EIR. The UWMP indicates that existing water supply sources are sufficient to meet all near term needs, estimating an annual water demand of 48,762 acre-feet per year (AFY) by the year 2035 and existing surface and recycled water supplies in the amount of 60,400 AFY in normal years. The UWMP establishes some water supply deficit during dry year scenarios, but establishes that mandatory water conservation measures and the use of groundwater to offset reductions in surface water supplies are sufficient to offset the deficit. The project, which is consistent with existing land use designations, would not require new or expanded water supply entitlements.

c) The proposed project would be served by the Dry Creek Wastewater Treatment Plant (DCWWTP). The Central Valley Regional Water Quality Control Board (RWQCB) regulates water quality and quantity of effluent discharged from the City's wastewater treatment facilities. The DCWWTP has the capacity to treat 18 million gallons per day (mgd) and is currently treating 8.9 mgd. The project is consistent with existing land use designations, which is how infrastructure capacity is planned. Therefore, the volume of wastewater generated by the proposed project could be accommodated by the facility; the proposed project will not contribute to an exceedance of applicable wastewater treatment requirements. The impact would be less than significant.

d, e) The Western Placer Waste Management Authority is the regional agency handling recycling and waste disposal for Roseville and surrounding areas. The regional waste facilities include a Material Recovery Facility (MRF) and the Western Regional Sanitary Landfill (WRSL). Currently, the WRSL is permitted to accept up to 1,900 tons of municipal solid waste per day. According to the solid waste analysis of the General Plan EIR, under current projected development conditions the WRSL has a projected lifespan extending through 2058. There is sufficient existing capacity to serve the proposed project. Though the project will contribute incrementally to an eventual need to find other means of waste disposal, this impact of City buildout has already been disclosed and mitigation applied as part of each Specific Plan the City has approved. All residences and business in the City pay fees for solid waste collection, a portion of which is collected to fund eventual solid waste disposal expansion. The project will not result in any new impacts associated with major infrastructure. Environmental Utilities staff has reviewed the project for consistency with policies, codes, and regulations related to waste disposal and waste reduction regulations and policies and has found that the project design is in compliance.



**XX. Wildfire**

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

| Environmental Issue                                                                                                                                                                                                                                                | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Substantially impair an adopted emergency response plan or emergency evacuation plan?                                                                                                                                                                           |                                |                                       |                              | X         |
| b) Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?                                                        |                                |                                       |                              | X         |
| c) Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment? |                                |                                       |                              | X         |
| d) Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?                                                                            |                                |                                       |                              | X         |

**Thresholds of Significance and Regulatory Setting:**

The significance of impacts related to wildfire is based directly on the CEQA Guidelines checklist items a–d listed above. The California Department of Forestry and Fire Protection (CAL FIRE) is the state agency responsible for wildland fire protection and management. As part of that task, CAL FIRE maintains maps designating Wildland Fire Hazard Severity zones. The City is not located within a Very High Fire Hazard Severity Zone, and is not in a CAL FIRE responsibility area; fire suppression is entirely within local responsibility.

**Discussion of Checklist Answers:**

a–d) Checklist questions a–d above do not apply, because the project site is not within a Very High Fire Hazard Severity Zone and is not in a CAL FIRE responsibility area.

**XXI. Mandatory Findings of Significance**

| Environmental Issue                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Potentially Significant Impact | Less Than Significant With Mitigation | Less Than Significant Impact | No Impact |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------------------------|------------------------------|-----------|
| a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, threatened or rare species, or eliminate important examples of the major periods of California history or prehistory? |                                |                                       | X                            |           |
| b) Does the project have impacts which are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)                                                                                                                              |                                |                                       | X                            |           |
| c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?                                                                                                                                                                                                                                                                                                                                  |                                |                                       | X                            |           |

**Significance Criteria and Regulatory Setting:**

The significance of impacts related to mandatory findings of significance is based directly on the CEQA Guidelines checklist items a–c listed above.

**Discussion of Checklist Answers:**

a–c) Long term environmental goals are not impacted by the proposed project. The cumulative impacts do not deviate beyond what was contemplated in the General Plan EIR, and mitigation measures have already been incorporated via the General Plan EIR. With implementation of the City's Mitigating Ordinances, Guidelines, and Standards and best management practices, mitigation measures described in this chapter, and permit conditions, the proposed project will not have a significant impact on the habitat of any plant or animal species. Based on the foregoing, the proposed project does not have the potential to degrade the quality of the environment, substantially reduce the habitat of any wildlife species, or create adverse effects on human beings.

## ENVIRONMENTAL DETERMINATION:

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*In reviewing the site specific information provided for this project and acting as Lead Agency, the City of Roseville, Development Services Department, Planning Division has analyzed the potential environmental impacts created by this project and determined that with mitigation the impacts are less than significant. As demonstrated in the initial study checklist, there are no "project specific significant effects which are peculiar to the project or site" that cannot be reduced to less than significant effects through mitigation (CEQA Section 15183) and therefore an EIR is **not** required. Therefore, **on the basis of the foregoing initial study:***

[ **X** ] I find that the proposed project COULD, but with mitigation agreed to by the applicant, clearly will not have a significant effect on the environment and a *MITIGATED NEGATIVE DECLARATION* has been prepared.

Initial Study Prepared by:

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Shelby Maples, Associate Planner  
City of Roseville, Development Services – Planning Division

## Attachments:

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1. Environmental Noise Assessment, Saxelby Acoustics, LLC
2. Mitigation Monitoring and Reporting Program



# **Environmental Noise Assessment**

## **Bee Shine Car Wash**

**City of Roseville, California**

**March 6, 2023**

**Project #230207**

**Prepared for:**



**K12 Architects, Inc.**

**3090 Fite Circle, Suite 104**

**Sacramento, CA 95827**

**Prepared by:**

**Saxelby Acoustics LLC**

A blue ink signature of Luke Saxelby, written in a cursive style.

**Luke Saxelby, INCE Bd. Cert.**

**Principal Consultant**

**Board Certified, Institute of Noise Control Engineering (INCE)**



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www.SaxNoise.com | Luke@SaxNoise.com  
915 Highland Pointe Drive, Suite 250  
Roseville, CA 95678



## INTRODUCTION

The Bee Shine Car Wash project is located at the northeast corner of the intersection of Auburn Boulevard and Orlando Avenue in the City of Roseville, California. Nearby sensitive uses include single family residential uses located east of the proposed project. The primary noise environment in the project vicinity is primarily driven by Interstate 80 (I-80). The primary noise sources associated with operation of the proposed project include car wash blowers, the vacuum station, the central vacuum producer, HVAC equipment, and on-site vehicle circulation.

**Figure 1** shows the project site plan. **Figure 2** shows an aerial photo of the project site.

## ENVIRONMENTAL SETTING

### BACKGROUND INFORMATION ON NOISE

#### *Fundamentals of Acoustics*

Acoustics is the science of sound. Sound may be thought of as mechanical energy of a vibrating object transmitted by pressure waves through a medium to human (or animal) ears. If the pressure variations occur frequently enough (at least 20 times per second), then they can be heard and are called sound. The number of pressure variations per second is called the frequency of sound, and is expressed as cycles per second or Hertz (Hz).

Noise is a subjective reaction to different types of sounds. Noise is typically defined as (airborne) sound that is loud, unpleasant, unexpected or undesired, and may therefore be classified as a more specific group of sounds. Perceptions of sound and noise are highly subjective from person to person.

Measuring sound directly in terms of pressure would require a very large and awkward range of numbers. To avoid this, the decibel scale was devised. The decibel scale uses the hearing threshold (20 micropascals), as a point of reference, defined as 0 dB. Other sound pressures are then compared to this reference pressure, and the logarithm is taken to keep the numbers in a practical range. The decibel scale allows a million-fold increase in pressure to be expressed as 120 dB, and changes in levels (dB) correspond closely to human perception of relative loudness.

The perceived loudness of sounds is dependent upon many factors, including sound pressure level and frequency content. However, within the usual range of environmental noise levels, perception of loudness is relatively predictable, and can be approximated by A-weighted sound levels. There is a strong correlation between A-weighted sound levels (expressed as dBA) and the way the human ear perceives sound. For this reason, the A-weighted sound level has become the standard tool of environmental noise assessment. All noise levels reported in this section are in terms of A-weighted levels, but are expressed as dB, unless otherwise noted.







## Bee Shine Car Wash

City of Roseville, California

Figure 2

Noise Measurement Sites

### Legend

-  Project Site
-  Noise Measurement Site - Long Term
-  Noise Measurement Site - Short Term



Projection: UTM Zone 10 / WGS84 / meters  
Rev. Date: 03/02/2023



The decibel scale is logarithmic, not linear. In other words, two sound levels 10-dB apart differ in acoustic energy by a factor of 10. When the standard logarithmic decibel is A-weighted, an increase of 10-dBA is generally perceived as a doubling in loudness. For example, a 70-dBA sound is half as loud as an 80-dBA sound, and twice as loud as a 60 dBA sound.

Community noise is commonly described in terms of the ambient noise level, which is defined as the all-encompassing noise level associated with a given environment. A common statistical tool is the average, or equivalent, sound level ( $L_{eq}$ ), which corresponds to a steady-state A weighted sound level containing the same total energy as a time varying signal over a given time period (usually one hour). The  $L_{eq}$  is the foundation of the composite noise descriptor,  $L_{dn}$ , and shows very good correlation with community response to noise.

The day/night average level ( $L_{dn}$ ) is based upon the average noise level over a 24-hour day, with a +10-decibel weighing applied to noise occurring during nighttime (10:00 p.m. to 7:00 a.m.) hours. The nighttime penalty is based upon the assumption that people react to nighttime noise exposures as though they were twice as loud as daytime exposures. Because  $L_{dn}$  represents a 24-hour average, it tends to disguise short-term variations in the noise environment.

**Table 1** lists several examples of the noise levels associated with common situations. **Appendix A** provides a summary of acoustical terms used in this report.

**TABLE 1: TYPICAL NOISE LEVELS**

| Common Outdoor Activities                                   | Noise Level (dBA) | Common Indoor Activities                                       |
|-------------------------------------------------------------|-------------------|----------------------------------------------------------------|
|                                                             | --110--           | Rock Band                                                      |
| Jet Fly-over at 300 m (1,000 ft.)                           | --100--           |                                                                |
| Gas Lawn Mower at 1 m (3 ft.)                               | --90--            |                                                                |
| Diesel Truck at 15 m (50 ft.),<br>at 80 km/hr. (50 mph)     | --80--            | Food Blender at 1 m (3 ft.)<br>Garbage Disposal at 1 m (3 ft.) |
| Noisy Urban Area, Daytime<br>Gas Lawn Mower, 30 m (100 ft.) | --70--            | Vacuum Cleaner at 3 m (10 ft.)                                 |
| Commercial Area<br>Heavy Traffic at 90 m (300 ft.)          | --60--            | Normal Speech at 1 m (3 ft.)                                   |
| Quiet Urban Daytime                                         | --50--            | Large Business Office<br>Dishwasher in Next Room               |
| Quiet Urban Nighttime                                       | --40--            | Theater, Large Conference Room (Background)                    |
| Quiet Suburban Nighttime                                    | --30--            | Library                                                        |
| Quiet Rural Nighttime                                       | --20--            | Bedroom at Night, Concert Hall (Background)                    |
|                                                             | --10--            | Broadcast/Recording Studio                                     |
| Lowest Threshold of Human Hearing                           | --0--             | Lowest Threshold of Human Hearing                              |

Source: Caltrans, Technical Noise Supplement, Traffic Noise Analysis Protocol. September, 2013.

## ***Effects of Noise on People***

The effects of noise on people can be placed in three categories:

- Subjective effects of annoyance, nuisance, and dissatisfaction
- Interference with activities such as speech, sleep, and learning
- Physiological effects such as hearing loss or sudden startling

Environmental noise typically produces effects in the first two categories. Workers in industrial plants can experience noise in the last category. There is no completely satisfactory way to measure the subjective effects of noise or the corresponding reactions of annoyance and dissatisfaction. A wide variation in individual thresholds of annoyance exists and different tolerances to noise tend to develop based on an individual's past experiences with noise.

Thus, an important way of predicting a human reaction to a new noise environment is the way it compares to the existing environment to which one has adapted: the so-called ambient noise level. In general, the more a new noise exceeds the previously existing ambient noise level, the less acceptable the new noise will be judged by those hearing it.

With regard to increases in A-weighted noise level, the following relationships occur:

- Except in carefully controlled laboratory experiments, a change of 1-dBA cannot be perceived;
- Outside of the laboratory, a 3-dBA change is considered a just-perceivable difference;
- A change in level of at least 5-dBA is required before any noticeable change in human response would be expected; and
- A 10-dBA change is subjectively heard as approximately a doubling in loudness, and can cause an adverse response.

Stationary point sources of noise – including stationary mobile sources such as idling vehicles – attenuate (lessen) at a rate of approximately 6-dB per doubling of distance from the source, depending on environmental conditions (i.e. atmospheric conditions and either vegetative or manufactured noise barriers, etc.). Widely distributed noises, such as a large industrial facility spread over many acres, or a street with moving vehicles, would typically attenuate at a lower rate.



## EXISTING AMBIENT NOISE LEVELS

The existing ambient noise environment in the project vicinity is primarily defined by traffic on Interstate 80. To quantify the existing ambient noise environment in the project vicinity, Saxelby Acoustics conducted a continuous (24-hr.) noise level measurement at one location on the project site and short-term noise level measurements at two locations. Noise measurement locations are shown on **Figure 2**. A summary of the noise level measurement survey results is provided in **Table 2**. **Appendix B** contains the complete results of the noise monitoring.

The sound level meters were programmed to record the maximum, median, and average noise levels at each site during the survey. The maximum value, denoted  $L_{max}$ , represents the highest noise level measured. The average value, denoted  $L_{eq}$ , represents the energy average of all of the noise received by the sound level meter microphone during the monitoring period. The median value, denoted  $L_{50}$ , represents the sound level exceeded 50 percent of the time during the monitoring period.

Larson Davis Laboratories (LDL) model 820 and 831 precision integrating sound level meters were used for the ambient noise level measurement survey. The meters were calibrated before and after use with a CAL 200 acoustical calibrator to ensure the accuracy of the measurements. The equipment used meets all pertinent specifications of the American National Standards Institute for Type 1 sound level meters (ANSI S1.4).

**TABLE 2: SUMMARY OF EXISTING BACKGROUND NOISE MEASUREMENT DATA**

| Location                    | Date             | $L_{dn}$ | Daytime<br>$L_{eq}$ | Daytime<br>$L_{50}$ | Daytime<br>$L_{max}$ | Nighttime<br>$L_{eq}$ | Nighttime<br>$L_{50}$ | Nighttime<br>$L_{max}$ |
|-----------------------------|------------------|----------|---------------------|---------------------|----------------------|-----------------------|-----------------------|------------------------|
| LT-1: 520 ft. to CL of I-80 | 3/2/23 to 3/3/23 | 72       | 65                  | 62                  | 84                   | 65                    | 62                    | 78                     |
| ST-1: 650 ft. to CL of I-80 | 3/2/23           | N/A      | 61                  | 59                  | 68                   | N/A                   | N/A                   | N/A                    |
| ST-2: 670 ft. to CL of I-80 | 3/2/23           | N/A      | 60                  | 59                  | 73                   | N/A                   | N/A                   | N/A                    |

**Notes:**

- All values shown in dBA
- Daytime hours: 7:00 a.m. to 10:00 p.m.
- Nighttime Hours: 10:00 p.m. to 7:00 a.m.
- Source: Saxelby Acoustics 2023

## REGULATORY CONTEXT

### FEDERAL

There are no federal regulations related to noise that apply to the Proposed Project.

### STATE

There are no state regulations related to noise that apply to the Proposed Project.

### LOCAL

#### **City of Roseville General Plan**

The City of Roseville General Plan Noise Element Table 1X-3 (**Table 3**) establishes an acceptable exterior noise level of 50 dBA  $L_{eq}$  for daytime (7:00 a.m. to 10:00 p.m.) for stationary noise sources.

**TABLE 3: CITY OF ROSEVILLE STATIONARY NOISE LEVEL STANDARDS**

| Noise Level Descriptor | Daytime<br>(7:00 a.m. to 10:00 p.m.) | Nighttime<br>(10:00 p.m. to 7:00 a.m.) |
|------------------------|--------------------------------------|----------------------------------------|
| Hourly $L_{eq}$ , dB   | 50                                   | 45                                     |
| Maximum Level, dB      | 70                                   | 65                                     |

Source : City of Roseville General Plan Noise Element 2035, Table 1X-3

<sup>1</sup>For municipal power plants consisting primarily of broadband, steady state noise sources, the hourly ( $L_{eq}$ ) noise standard may be increased up to 10 dB(A), but not exceed 55 dB(A) Hourly  $L_{eq}$  dB.

Each of the noise levels specified above should be lowered by five dB for simple tone noises, noises consisting primarily of speech or music, or for recurring impulsive noises. Such noises are generally considered by residents to be particularly annoying and are a primary source of noise complaints. These noise level standards do not apply to residential units established in conjunction with industrial or commercial uses (e.g. caretaker dwellings).

No standards have been included for interior noise levels. Standard construction practices, should, with exterior noise level identified, result in acceptable interior noise levels.

#### **Placer County Municipal Code**

The Placer County Noise Ordinance (Article 9.36.060 Sound limits for sensitive receptors of the Placer County Code) defines sound level performance standards for sensitive receptors (**Table 4**). The ordinance states that it is unlawful for any person at any location to create any sound, or to allow the creation of any sound, on property owned, leased, occupied, or otherwise controlled by such a person that causes the exterior sound level, when measured at the property line of any affected sensitive receptor, to exceed the ambient sound level by 5 dBA or exceed the sound level standards as set forth in **Table 4**, whichever is greater.

Each of the sound level standards specified in **Table 4** shall be reduced by 5 dBA for simple tone noises, consisting of speech and music. However, in no case shall the sound level standard be lower than the ambient sound level plus 5 dBA.

**TABLE 4: PLACER COUNTY NOISE ORDINANCE NOISE LEVEL STANDARDS FOR SENSITIVE RECEPTORS**

| Sound Level Descriptor       | Daytime (7 am to 10 pm) | Nighttime (10 pm to 7 am) |
|------------------------------|-------------------------|---------------------------|
| Hourly $L_{eq}$ , dB         | 55                      | 45                        |
| Maximum Level $L_{max}$ , dB | 70                      | 65                        |

Source : Placer County Municipal Code Section 9.36.060 Table 1.

#### SUMMARY OF APPLICABLE NOISE LEVEL STANDARDS

While the proposed project will be located in Roseville, California, the sensitive receptors adjacent to the project are located outside of the City boundaries. Therefore, the Placer County stationary noise level standards shall apply to the proposed project.

The Placer County stationary noise level standards state “in no case shall the sound level standard be lower than the ambient sound level plus 5 dBA.” Saxelby Acoustics measured traffic noise levels of 61 dBA  $L_{eq}$  and 68 dBA  $L_{max}$  at location ST-1 during daytime hours. Ambient noise levels at the outdoor activity areas east of the project were calculated to be approximately 57 dBA  $L_{eq}$  and 64 dBA  $L_{max}$  due to shielding from the existing sound wall. The proposed project is expected to operate during daytime hours only. Therefore, the applicable noise level standards shall be 62 dBA  $L_{eq}$  and 70 dBA  $L_{max}$ .

#### EVALUATION OF CAR WASH NOISE AT RESIDENTIAL RECEPTORS

##### METHODOLOGY

The primary noise sources associated with operation of the proposed car wash are the air blowers, central vacuum producer, vacuum station area, rooftop HVAC equipment, and vehicle circulation. The following is a list of assumptions used for the noise modeling. The data used is based upon a combination of manufacturer’s provided data and Saxelby Acoustics data from similar car wash operations.

|                          |                                                                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Car Wash Blowers:        | Dryer system with a noise level of 78 dBA $L_{eq}$ at 50 feet from car wash exit. Maximum ( $L_{max}$ ) noise levels are approximately equal to continuous average ( $L_{eq}$ ) noise levels for steady state operation. Saxelby Acoustics data. |
| Central Vacuum Producer: | 50 dBA $L_{eq}$ measured at 50 feet outside enclosure. Maximum ( $L_{max}$ ) noise levels are approximately equal to continuous average ( $L_{eq}$ ) noise levels for steady state operation. Saxelby Acoustics data.                            |

|                      |                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Vacuum Station Area: | 70 dBA $L_{eq}$ measured at the edge of vacuum area. Maximum ( $L_{max}$ ) noise levels are approximately equal to continuous average ( $L_{eq}$ ) noise levels for steady state operation. Saxelby Acoustics data.                                                                                                                                                                      |
| Rooftop HVAC:        | One ten-ton packaged unit operating continuously during the daytime. Maximum ( $L_{max}$ ) noise levels are approximately equal to continuous average ( $L_{eq}$ ) noise levels for steady state operation. Manufacturer's data.                                                                                                                                                         |
| Vehicle Circulation: | Saxelby Acoustics assumed that the car wash would attract a maximum of 71 peak hour trips in the daytime (7:00 a.m. to 10:00 p.m.) @ 71 dBA SEL at 50 feet. The model also included two semi-truck fuel or food delivery in the peak hour at 85 dBA SEL at 50 feet. Maximum noise levels are approximately 10 dBA higher than average ( $L_{eq}$ ) noise levels. Saxelby Acoustics data. |

Saxelby Acoustics used the SoundPLAN noise prediction model. Inputs to the model included sound power levels for the proposed car wash tunnel, existing and proposed buildings, terrain type, and locations of sensitive receptors. These predictions are made in accordance with International Organization for Standardization (ISO) standard 9613-2:1996 (Acoustics – Attenuation of sound during propagation outdoors). ISO 9613 is the most commonly used method for calculating exterior noise propagation.

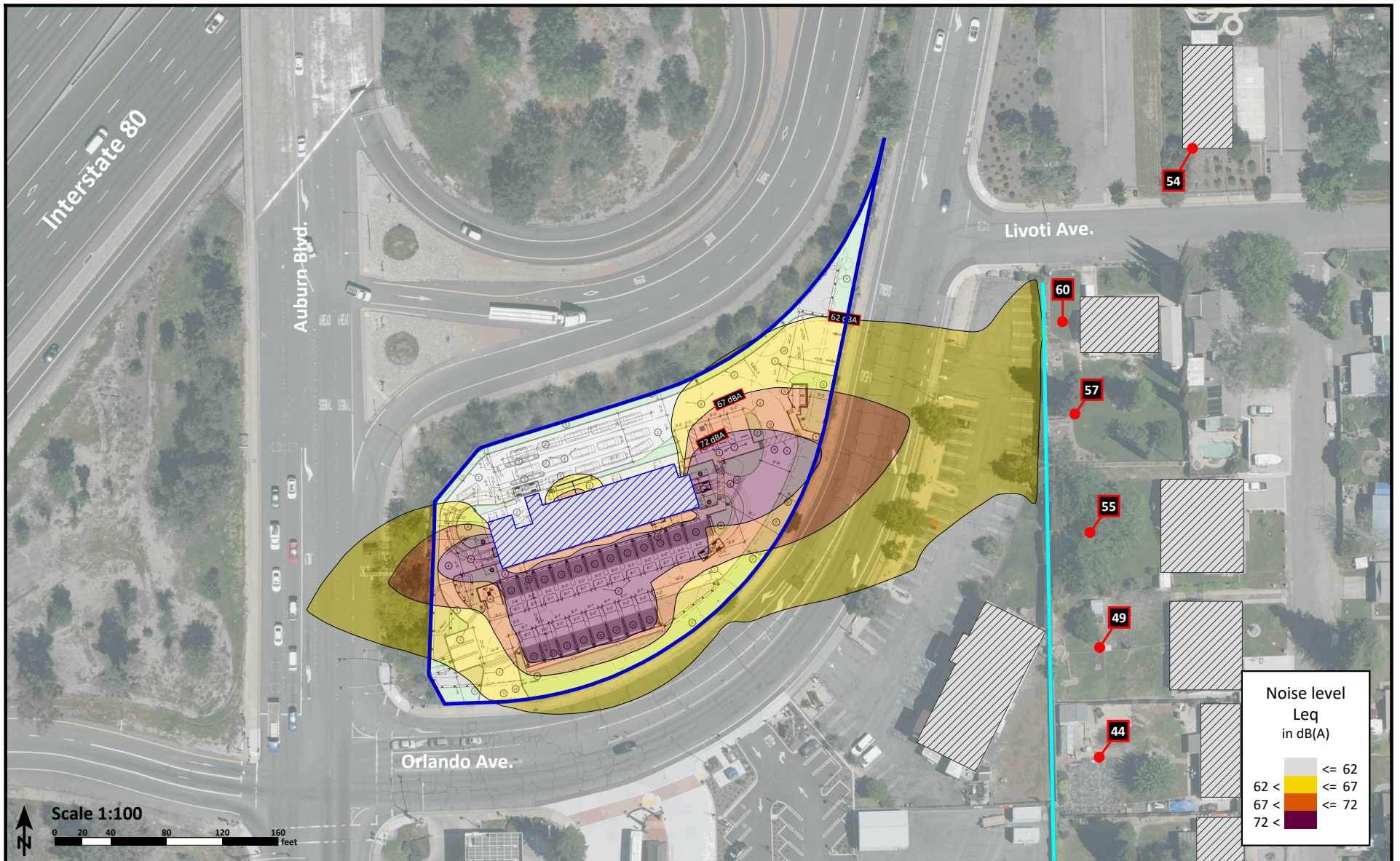
## RESULTS AND ANALYSIS

**Figure 3** shows the predicted daytime car wash noise level contours in terms of the average ( $L_{eq}$ ) noise descriptor. The noise analysis indicates that daytime (7 a.m. to 10 p.m.) property line noise levels at the existing residential uses to the east would be 60 dBA  $L_{eq}$ , or less, at the property line. This meets the Placer County adjusted daytime noise level standard of 62 dBA  $L_{eq}$ .

It should be noted that steady state mechanical noise associated with the car wash blowers, vacuums, and HVAC are not predicted to generate maximum noise levels higher than the average noise levels. Therefore, vehicle circulation would be the driver of the project maximum noise levels. The maximum noise level generated by vehicle circulation at the sensitive receptors is predicted to be 44 dBA  $L_{max}$ . This complies with the Placer County noise level standard of 70 dBA  $L_{max}$ .

Therefore, the project complies with the Placer County noise level standards with no additional noise control measures required.





## Bee Shine Car Wash

City of Roseville, California

Figure 3  
Project Noise Levels (dB(A) Leq)

- Legend**
- Project Building
  - Existing Building
  - Project Site
  - Existing Sound Wall
  - Noise Level, dBA





## CONCLUSIONS

The noise analysis indicates that property line noise levels at the nearest sensitive receptors would be less than 60 dBA  $L_{eq}$  during daytime hours (7:00 a.m. to 10:00 p.m.) This would comply with the County's exterior noise level standards. Therefore, no additional noise control measures are recommended. These conclusions are based on the following assumptions:

- The car wash dryer used for the project shall not exceed 78 dBA  $L_{eq}$  at 50 feet outside the car wash tunnel exit.
- The vacuum producer(s) shall be enclosed and shall not exceed a noise level of 50 dBA  $L_{eq}$  at 50 feet outside of the enclosure(s).
- The car wash should operate only during daytime (7:00 am to 10:00 pm) hours.

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## Appendix A: Acoustical Terminology

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Acoustics</b>            | The science of sound.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Ambient Noise</b>        | The distinctive acoustical characteristics of a given space consisting of all noise sources audible at that location. In many cases, the term ambient is used to describe an existing or pre-project condition such as the setting in an environmental noise study.                                                                                                                                                                                                                                                            |
| <b>ASTC</b>                 | Apparent Sound Transmission Class. Similar to STC but includes sound from flanking paths and correct for room reverberation. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.                                                                                                                                                                                                                                                                                              |
| <b>Attenuation</b>          | The reduction of an acoustic signal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>A-Weighting</b>          | A frequency-response adjustment of a sound level meter that conditions the output signal to approximate human response.                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Decibel or dB</b>        | Fundamental unit of sound, A Bell is defined as the logarithm of the ratio of the sound pressure squared over the reference pressure squared. A Decibel is one-tenth of a Bell.                                                                                                                                                                                                                                                                                                                                                |
| <b>CNEL</b>                 | Community Noise Equivalent Level. Defined as the 24-hour average noise level with noise occurring during evening hours (7 - 10 p.m.) weighted by +5 dBA and nighttime hours weighted by +10 dBA.                                                                                                                                                                                                                                                                                                                               |
| <b>DNL</b>                  | See definition of Ldn.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>IIC</b>                  | Impact Insulation Class. An integer-number rating of how well a building floor attenuates impact sounds, such as footsteps. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic.                                                                                                                                                                                                                                                                                               |
| <b>Frequency</b>            | The measure of the rapidity of alterations of a periodic signal, expressed in cycles per second or hertz (Hz).                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Ldn</b>                  | Day/Night Average Sound Level. Similar to CNEL but with no evening weighting.                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Leq</b>                  | Equivalent or energy-averaged sound level.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Lmax</b>                 | The highest root-mean-square (RMS) sound level measured over a given period of time.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>L(n)</b>                 | The sound level exceeded a described percentile over a measurement period. For instance, an hourly L50 is the sound level exceeded 50% of the time during the one-hour period.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Loudness</b>             | A subjective term for the sensation of the magnitude of sound.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>NIC</b>                  | Noise Isolation Class. A rating of the noise reduction between two spaces. Similar to STC but includes sound from flanking paths and no correction for room reverberation.                                                                                                                                                                                                                                                                                                                                                     |
| <b>NNIC</b>                 | Normalized Noise Isolation Class. Similar to NIC but includes a correction for room reverberation.                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Noise</b>                | Unwanted sound.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>NRC</b>                  | Noise Reduction Coefficient. NRC is a single-number rating of the sound-absorption of a material equal to the arithmetic mean of the sound-absorption coefficients in the 250, 500, 1000, and 2,000 Hz octave frequency bands rounded to the nearest multiple of 0.05. It is a representation of the amount of sound energy absorbed upon striking a particular surface. An NRC of 0 indicates perfect reflection; an NRC of 1 indicates perfect absorption.                                                                   |
| <b>RT60</b>                 | The time it takes reverberant sound to decay by 60 dB once the source has been removed.                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Sabin</b>                | The unit of sound absorption. One square foot of material absorbing 100% of incident sound has an absorption of 1 Sabin.                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>SEL</b>                  | Sound Exposure Level. SEL is a rating, in decibels, of a discrete event, such as an aircraft flyover or train pass by, that compresses the total sound energy into a one-second event.                                                                                                                                                                                                                                                                                                                                         |
| <b>SPC</b>                  | Speech Privacy Class. SPC is a method of rating speech privacy in buildings. It is designed to measure the degree of speech privacy provided by a closed room, indicating the degree to which conversations occurring within are kept private from listeners outside the room.                                                                                                                                                                                                                                                 |
| <b>STC</b>                  | Sound Transmission Class. STC is an integer rating of how well a building partition attenuates airborne sound. It is widely used to rate interior partitions, ceilings/floors, doors, windows and exterior wall configurations. The STC rating is typically used to rate the sound transmission of a specific building element when tested in laboratory conditions where flanking paths around the assembly don't exist. A larger number means more attenuation. The scale, like the decibel scale for sound, is logarithmic. |
| <b>Threshold of Hearing</b> | The lowest sound that can be perceived by the human auditory system, generally considered to be 0 dB for persons with perfect hearing.                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Threshold of Pain</b>    | Approximately 120 dB above the threshold of hearing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Impulsive</b>            | Sound of short duration, usually less than one second, with an abrupt onset and rapid decay.                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Simple Tone</b>          | Any sound which can be judged as audible as a single pitch or set of single pitches.                                                                                                                                                                                                                                                                                                                                                                                                                                           |

## **Appendix B: Continuous and Short-Term Ambient Noise Measurement Results**





## Appendix B1: Continuous Noise Monitoring Results

Site: LT-1

Project: Bee Shine Car Wash

Meter: LDL 820-2

Location: Northern Project Boundary

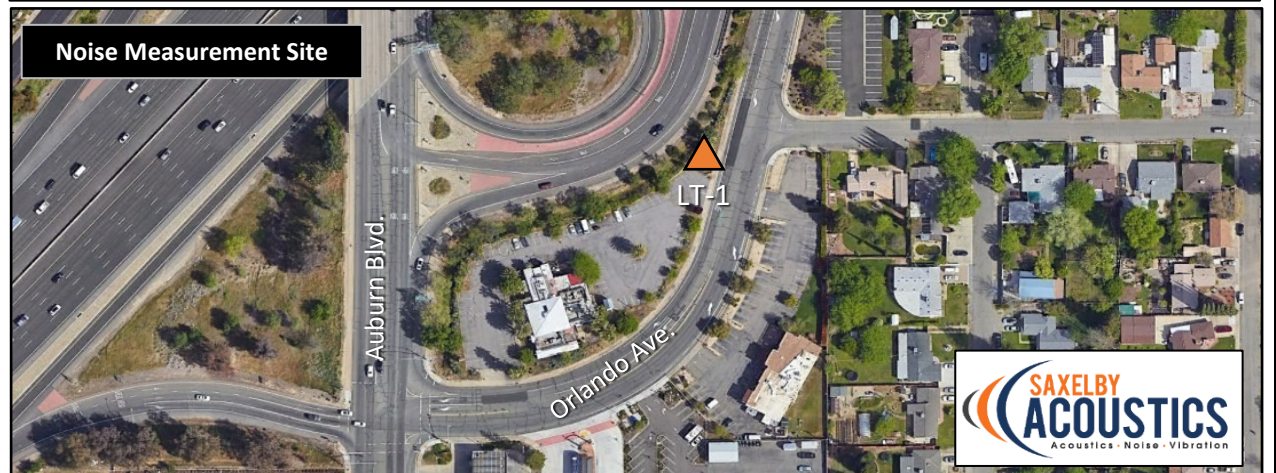
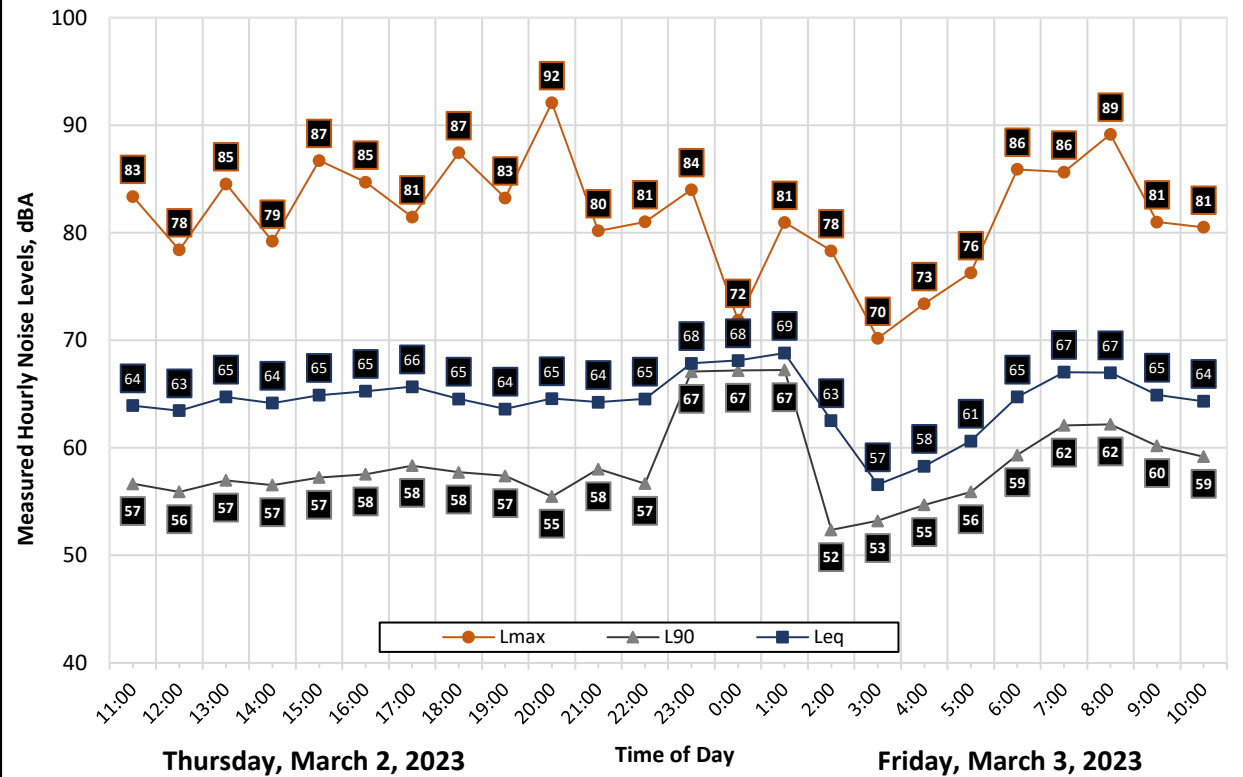
Calibrator: CAL200

Coordinates: (38.7237188, -121.2890883)

| Date                    | Time  | Measured Level, dBA |                  |                 |                 |
|-------------------------|-------|---------------------|------------------|-----------------|-----------------|
|                         |       | L <sub>eq</sub>     | L <sub>max</sub> | L <sub>50</sub> | L <sub>90</sub> |
| Thursday, March 2, 2023 | 11:00 | 64                  | 83               | 61              | 57              |
| Thursday, March 2, 2023 | 12:00 | 63                  | 78               | 61              | 56              |
| Thursday, March 2, 2023 | 13:00 | 65                  | 85               | 61              | 57              |
| Thursday, March 2, 2023 | 14:00 | 64                  | 79               | 62              | 57              |
| Thursday, March 2, 2023 | 15:00 | 65                  | 87               | 62              | 57              |
| Thursday, March 2, 2023 | 16:00 | 65                  | 85               | 63              | 58              |
| Thursday, March 2, 2023 | 17:00 | 66                  | 81               | 63              | 58              |
| Thursday, March 2, 2023 | 18:00 | 65                  | 87               | 62              | 58              |
| Thursday, March 2, 2023 | 19:00 | 64                  | 83               | 61              | 57              |
| Thursday, March 2, 2023 | 20:00 | 65                  | 92               | 58              | 55              |
| Thursday, March 2, 2023 | 21:00 | 64                  | 80               | 61              | 58              |
| Thursday, March 2, 2023 | 22:00 | 65                  | 81               | 60              | 57              |
| Thursday, March 2, 2023 | 23:00 | 68                  | 84               | 68              | 67              |
| Friday, March 3, 2023   | 0:00  | 68                  | 72               | 68              | 67              |
| Friday, March 3, 2023   | 1:00  | 69                  | 81               | 68              | 67              |
| Friday, March 3, 2023   | 2:00  | 63                  | 78               | 56              | 52              |
| Friday, March 3, 2023   | 3:00  | 57                  | 70               | 56              | 53              |
| Friday, March 3, 2023   | 4:00  | 58                  | 73               | 57              | 55              |
| Friday, March 3, 2023   | 5:00  | 61                  | 76               | 59              | 56              |
| Friday, March 3, 2023   | 6:00  | 65                  | 86               | 63              | 59              |
| Friday, March 3, 2023   | 7:00  | 67                  | 86               | 65              | 62              |
| Friday, March 3, 2023   | 8:00  | 67                  | 89               | 65              | 62              |
| Friday, March 3, 2023   | 9:00  | 65                  | 81               | 63              | 60              |
| Friday, March 3, 2023   | 10:00 | 64                  | 81               | 62              | 59              |

| Statistics    | L <sub>eq</sub> | L <sub>max</sub> | L <sub>50</sub> | L <sub>90</sub> |
|---------------|-----------------|------------------|-----------------|-----------------|
| Day Average   | 65              | 84               | 62              | 58              |
| Night Average | 65              | 78               | 62              | 59              |
| Day Low       | 63              | 78               | 58              | 55              |
| Day High      | 67              | 92               | 65              | 62              |
| Night Low     | 57              | 70               | 56              | 52              |
| Night High    | 69              | 86               | 68              | 67              |
| Ldn           | 72              | Day %            |                 | 61              |
| CNEL          | 72              | Night %          |                 | 39              |

Measured Ambient Noise Levels vs. Time of Day





## Appendix B2 : Short Term Noise Monitoring Results

Site: ST-1

Project: Bee Shine Car Wash

Location: East of the project site

Coordinates: (38.7235660, -121.2886250)

Meter: LDL 831-5

Calibrator: CAL200

Start: 2023-03-02 11:03:01

Stop: 2023-03-02 11:13:01

SLM: Model 831

Serial: 2658

### Measurement Results, dBA

Duration: 0:10

$L_{eq}$ : 61

$L_{max}$ : 68

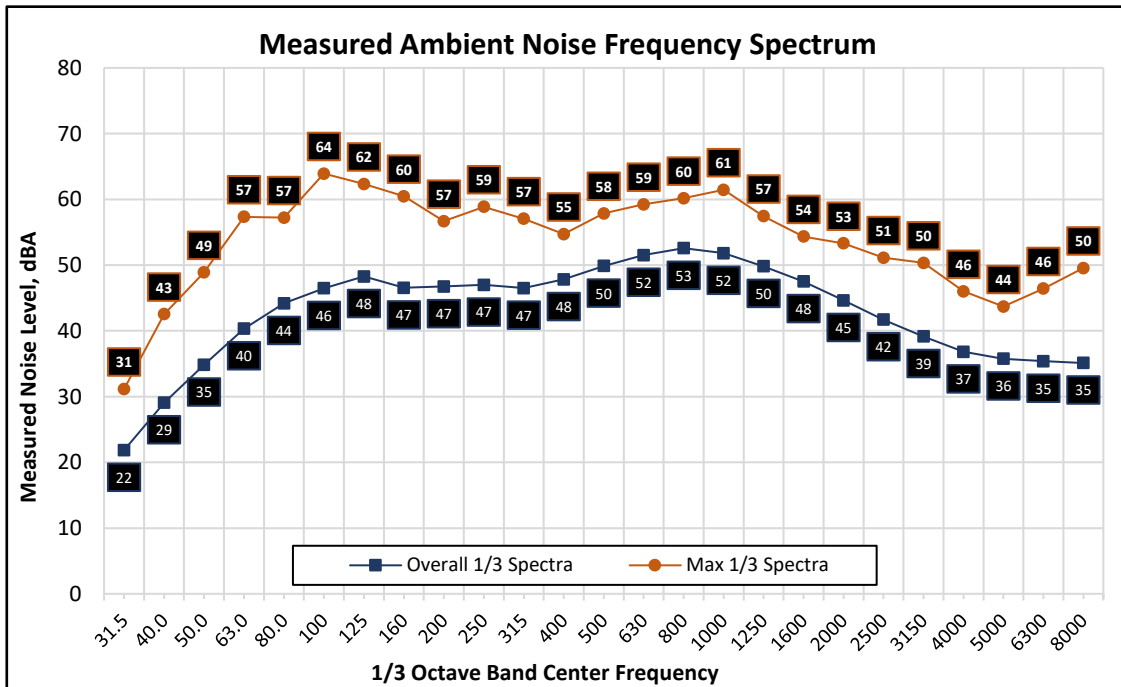
$L_{min}$ : 55

$L_{50}$ : 59

$L_{90}$ : 57

### Notes

Primary noise source was traffic noise from Orlando Avenue and Interstate 80 exit ramp.



## Appendix B2 : Short Term Noise Monitoring Results

Site: ST-2

Project: Bee Shine Car Wash

Location: North East of the project site

Coordinates: (38.7239037, -121.2882018)

Meter: LDL 831-5

Calibrator: CAL200

Start: 2023-03-02 11:14:38

Stop: 2023-03-02 11:24:38

SLM: Model 831

Serial: 2658

### Measurement Results, dBA

Duration: 0:10

$L_{eq}$ : 60

$L_{max}$ : 73

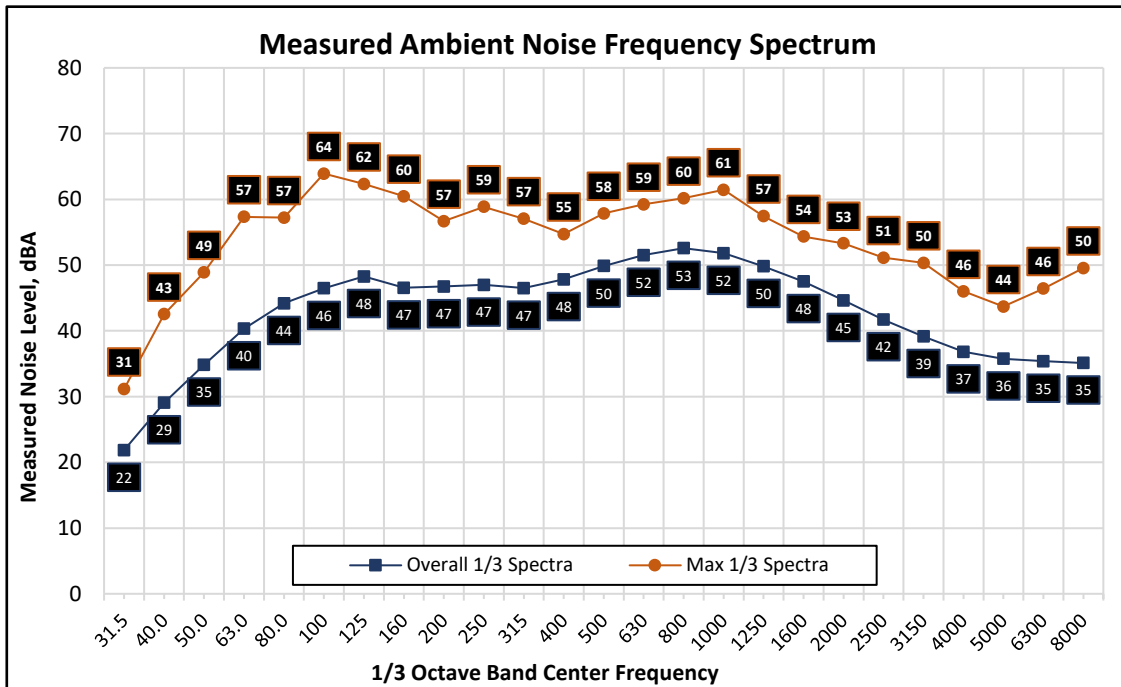
$L_{min}$ : 51

$L_{50}$ : 59

$L_{90}$ : 57

### Notes

Primary noise sources were traffic noises from Orlando Avenue and Interstate 80 exit ramp.




**DEVELOPMENT SERVICES DEPARTMENT – PLANNING DIVISION**

311 Vernon Street, Roseville, CA 95678 (916) 774-5276

## MITIGATION MONITORING AND REPORTING PROGRAM

|                                    |                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Project Title/File Number:</b>  | INFILL PCL 175 – Bee Shine Car Wash, File #PL22-0316                                                                                                                                                                                                                                                                                                                                      |
| <b>Project Location:</b>           | 1100 Orlando Avenue, Roseville, Placer County, CA 95661 (APN 471-060-060-000)                                                                                                                                                                                                                                                                                                             |
| <b>Project Description:</b>        | The proposed project is a new 4,542 square foot automatic carwash facility with 21 vacuum spaces and 9 parking spaces. The project entitlements include a Rezone to change the zoning designation from Neighborhood Commercial (NC) to Community Commercial (CC), a Conditional Use Permit to allow the carwash use in the CC zone, and a Design Review Permit to review the site design. |
| <b>Environmental Document</b>      | Initial Study/Mitigated Negative Declaration                                                                                                                                                                                                                                                                                                                                              |
| <b>Project Applicant:</b>          | David Heumann, K12 Architects, Inc.                                                                                                                                                                                                                                                                                                                                                       |
| <b>Property Owner:</b>             | Bethany Lee Angeles and Jesus Angeles                                                                                                                                                                                                                                                                                                                                                     |
| <b>Lead Agency Contact Person:</b> | Shelby Maples, Associate Planner, City of Roseville                                                                                                                                                                                                                                                                                                                                       |

Section 21081.6 of the California Public Resources Code requires public agencies to "adopt a reporting and monitoring program for the changes to the project which it has adopted or made a condition of project approval in order to mitigate or avoid significant effects on the environment." This Mitigation Monitoring and Reporting Program has been adopted for the purpose of avoiding environmental impacts

**MONITORING PROCESS:** Existing monitoring mechanisms are in place that assist the City of Roseville in meeting the intent of CEQA. These existing monitoring mechanisms eliminate the need to develop new monitoring processes for each mitigation measure. These mechanisms include grading plan review and approval, improvement/building plan review and approval and on-site inspections by City Departments. Given that these monitoring processes are requirements of the project, they are not included in the mitigation monitoring program.

It shall be the responsibility of the project applicant/owner to provide written notification to the City using the Mitigation Verification Cover Sheet and Forms, in a timely manner, of the completion of each Mitigation Measure as identified on the following pages. The City will verify that the project is in compliance with the adopted Mitigation Monitoring and Reporting Program. Any non-compliance will be reported by the City to the applicant/owner, and it shall be the project applicant's/owner's responsibility to rectify the situation by bringing the project into compliance. The purpose of this program is to ensure diligent and good faith compliance with the Mitigation Measures which have been adopted as part of the project.

| TABLE OF MITIGATION MEASURES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                      |                                                                                                                                                          |                                 |                                   |                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------------------------|----------------|
| Mitigation Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Implementation                                                                                                                                                       | Timing                                                                                                                                                   | Reviewing Party                 | Documents to be Submitted to City | Staff Use Only |
| <p><b>MM CUL-01 Unanticipated Discovery.</b> If subsurface deposits believed to be cultural or human in origin, or tribal cultural resources, are discovered during construction, all work shall halt within a 100-foot radius of the discovery, and the Construction Manager shall immediately notify the City of Roseville Development Services Director by phone. The Construction Manager shall also immediately coordinate with the monitoring archeologist or project archaeologist and (if present) tribal monitor, or, in the absence of either, contact consulting tribes and a qualified professional archaeologist, meeting the Secretary of the Interior’s Professional Qualification Standards for archaeology and subject to approval by the City, to evaluate the significance of the find and develop appropriate management recommendations. All management recommendations shall be provided to the City in writing for the City’s review and approval. If recommended by the qualified professional and consulting tribes and approved by the City, this may include modification of the no-work radius.</p> <p>The professional archaeologist must make a determination, based on professional judgement and supported by substantial evidence, within one business day of being notified, as to whether or not the find represents a cultural resource or has the potential to be a tribal cultural resource. The subsequent actions will be determined by the type of discovery, as described below. These include: 1) a work pause that, upon further investigation, is not actually a discovery and the work pause was simply needed in order to allow for closer examination of soil (a “false alarm”); 2) a work pause and subsequent action for discoveries that are clearly not related to tribal resources, such as can and bottle dumps, artifacts of European origin, and remnants of built environment features; and 3) a work pause and subsequent action for discoveries that are likely related to tribal resources, such as midden soil, bedrock mortars, groundstone, or other similar expressions.</p> <p>Whenever there is question as to whether or not the discovery represents a tribal resource, culturally affiliated tribes shall be consulted in making the determination. Whenever a tribal monitor is present, the monitor shall be consulted.</p> <p>The following processes shall apply, depending on the nature of the find, subject to the review and approval of the City:</p> <p><u>Response to False Alarms:</u> If the professional archaeologist determines that the find is negative for any cultural indicators, then work may resume immediately upon notice to proceed from the City’s representative. No further notifications or tribal consultation is necessary, because the discovery is not a cultural resource of any kind. The professional archaeologist shall provide written documentation of this finding to the City.</p> <p><u>Response to Non-Tribal Discoveries:</u> If a tribal monitor is not present at the time of discovery and a professional archaeologist determines that the find represents a non-tribal cultural resource from any time period or cultural affiliation, the City shall be notified immediately, to consult on a finding of eligibility and implementation of appropriate treatment measures, if the find is determined to be a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines. The professional archaeologist shall provide a photograph of the find and a written description to the City of Roseville. The City of Roseville will notify any [tribe(s)] who, in writing, requested notice of unanticipated discovery of non-tribal resources. Notice shall include the photograph and description of the find, and a tribal representative shall have the opportunity to determine whether or not the find represents a tribal cultural resource. If a response is not received within 24 hours of notification (none of which time period may fall on weekends or City holidays), the City will deem this portion of the measure completed in good faith as long as the notification was made and documented. If requested by a [tribe(s)], the City may extend this timeframe, which shall be documented in writing (electronic communication may be used to satisfy this measure). If a notified tribe responds within 24 hours to indicate that the find represents a tribal cultural resource, then the Response to Tribal Discoveries portion of this measure applies. If the tribe does not respond</p> | <p>This condition shall be reflected in all construction and building plans, and construction site workers shall be advised by the site manager of this measure.</p> | <p><i>Construction:</i> Measure applies if resources are discovered during construction.</p> <p>Add as note on Improvement Plans and Building Plans.</p> | <p>Engineering and Building</p> | <p>None</p>                       |                |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                      |                                                                                                                                                          |                          |      |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------|--|
| <p>or concurs that the discovery is non-tribal, work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the site either: 1) is not a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines; or 2) that the treatment measures have been completed to its satisfaction.</p> <p><u>Response to Tribal Discoveries:</u> If the find represents a tribal or potentially tribal cultural resource that does not include human remains, the <b>UAIC</b> and City shall be notified. The City will consult with the tribe(s) on a finding of eligibility and implement appropriate treatment measures, if the find is determined to be either a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines, or a Tribal Cultural Resource, as defined in Section 21074 of the Public Resources Code. Preservation in place is the preferred treatment, if feasible. Work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the site either: 1) is not a Historical Resource under CEQA, as defined in Section 15064.5(a) of the CEQA Guidelines; or 2) not a Tribal Cultural Resource, as defined in Section 21074 of the Public Resources Code; or 3) that the treatment measures have been completed to its satisfaction.</p> <p><u>Response to Human Remains:</u> If the find includes human remains, or remains that are potentially human, the construction supervisor or on-site archaeologist shall ensure reasonable protection measures are taken to protect the discovery from disturbance (AB 2641) and shall notify the City and Placer County Coroner (per § 7050.5 of the Health and Safety Code). The provisions of § 7050.5 of the California Health and Safety Code, § 5097.98 of the California Public Resources Code, and Assembly Bill 2641 shall be implemented. If the Coroner determines the remains are Native American and not the result of a crime scene, the Coroner will notify the Native American Heritage Commission (NAHC), which then will designate a Native American Most Likely Descendant (MLD) for the project (§ 5097.98 of the Public Resources Code). The designated MLD will have 48 hours from the time access to the property is granted to make recommendations concerning treatment of the remains. Public Resources Code § 5097.94 provides structure for mediation through the NAHC if necessary. If the landowner does not agree with the recommendations of the MLD, the NAHC can mediate (§ 5097.94 of the Public Resources Code).</p> <p>If no agreement is reached, the landowner must rebury the remains in a respectful manner where they will not be further disturbed (§ 5097.98 of the Public Resources Code). This will also include either recording the site with the NAHC or the appropriate Information Center; using an open space or conservation zoning designation or easement; or recording a reinternment document with the county in which the property is located (AB 2641). Work shall not resume within the no-work radius until the City, through consultation as appropriate, determines that the treatment measures have been completed to its satisfaction.</p> |                                                                                                                                                                      |                                                                                                                                                          |                          |      |  |
| <p><b>MM CUL-02 Cease Work and Consult with Qualified Paleontologist.</b> Should any evidence of paleontological resources (e.g. fossils) be encountered during grading or excavation, work shall be suspended within 100 feet of the find, and the City of Roseville shall be immediately notified. At that time, the City shall coordinate any necessary investigation of the site with a qualified paleontologist to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance, if feasible in light of project design or layout, or data recovery excavations. The contractor shall implement any measures deemed feasible and necessary by City staff in consultation with the paleontologist for the protection of the paleontological resources.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <p>This condition shall be reflected in all construction and building plans, and construction site workers shall be advised by the site manager of this measure.</p> | <p><i>Construction:</i> Measure applies if resources are discovered during construction.</p> <p>Add as note on Improvement Plans and Building Plans.</p> | Engineering and Building | None |  |



## MITIGATION VERIFICATION SUBMITTAL COVER SHEET

Project Title/Planning File # \_\_\_\_\_

Project Address \_\_\_\_\_

Property Owner \_\_\_\_\_

Planning Division Contact \_\_\_\_\_

### SUMMARY OF VERIFICATION MATERIALS INCLUDED IN THIS SUBMITTAL

| Mitigation Measure | Supporting Attachments Included | Date Complete |
|--------------------|---------------------------------|---------------|
|                    |                                 |               |
|                    |                                 |               |
|                    |                                 |               |
|                    |                                 |               |
|                    |                                 |               |
|                    |                                 |               |
|                    |                                 |               |

***I HAVE ATTACHED THE FOLLOWING REQUIRED ITEMS:***

- ☐ Table of Applicable Mitigation Measures
- ☐ Mitigation Verification Form(s)
- ☐ Specific supporting documentation required by measure(s), if applicable (e.g. biologist's report)

I hereby certify under penalty of perjury under the laws of the State of California that I am the property owner or an agent of the property owner and am authorized to submit this Mitigation Verification Form. I also certify that the above-listed mitigation measures have been completed in the manner required, and that all of the information in this submittal is true and correct, to the best of my knowledge:

\_\_\_\_\_  
Signature and Date

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Contact Number

# MITIGATION VERIFICATION FORM

Mitigation Measure \_\_\_\_\_

Description of Monitoring and Verification Work Performed. The following information is a required part of the description: dates, personnel names or titles, and the stage/phase of construction work. Additional notes sheets may be attached, if necessary, or the below may simply reference a separate attachment that provides the required information.

# INSTRUCTIONS

## COVER SHEET:

A Cover Sheet for the project/development is prepared by City staff, with the top portion filled out. Each time Mitigation Verification Forms(s) are being submitted, a Cover Sheet completed by the Developer, Contractor, or Designee is required. An example of a completed summary table is provided below. The signature on the Cover Sheet must be *original wet ink*.

## EXAMPLE MITIGATION VERIFICATION SUBMITTAL COVER SHEET

|                                      |                                                |
|--------------------------------------|------------------------------------------------|
| <b>Project Title/Planning File #</b> | New Coffee Shop, PL15-0000                     |
| <b>Project Address</b>               | 10 Justashort Street                           |
| <b>Property Owner</b>                | Jane Owner                                     |
| <b>Planning Division Contact</b>     | Joe Planner, Associate Planner, (916) 774-#### |

### SUMMARY OF VERIFICATION MATERIALS INCLUDED IN THIS SUBMITTAL

| Mitigation Measure | Supporting Attachments Included                          | Date Complete |
|--------------------|----------------------------------------------------------|---------------|
| MM-3               | Copy of survey report signed by biologist                | 5/10/2016     |
| MM-4               | All information included in Mitigation Verification Form | 5/12/2016     |
| MM-5               | E-mail from Air District approving Dust Control Plan     | 5/05/2016     |

## MITIGATION VERIFICATION FORM:

A Mitigation Verification Form is provided by City staff, along with the Cover Sheet and Table of Applicable Mitigation Measures. A form is filled in and submitted for each mitigation measure by the Developer, Contractor, or Designee. The form needs only the mitigation number to be filled in, along with the Description of Monitoring and Verification Work Performed. Multiple forms may be submitted simultaneously, under one cover sheet. It is also permissible to submit a form for each part of a measure, on separate dates. For instance, in the example measure MM-4 in the table above, the actual mitigation requires informing construction workers *and* retaining a qualified archeologist if resources are uncovered. Thus, a developer may submit a form in May certifying that construction workers have been informed, and also submit a second copy of the form in July because resources were discovered and additional actions had to be undertaken.

Each mitigation measure specifies the type of supporting documentation required; this must be submitted in order for the City to accept the mitigation as complete. An example of a completed Mitigation Verification Form is provided below.

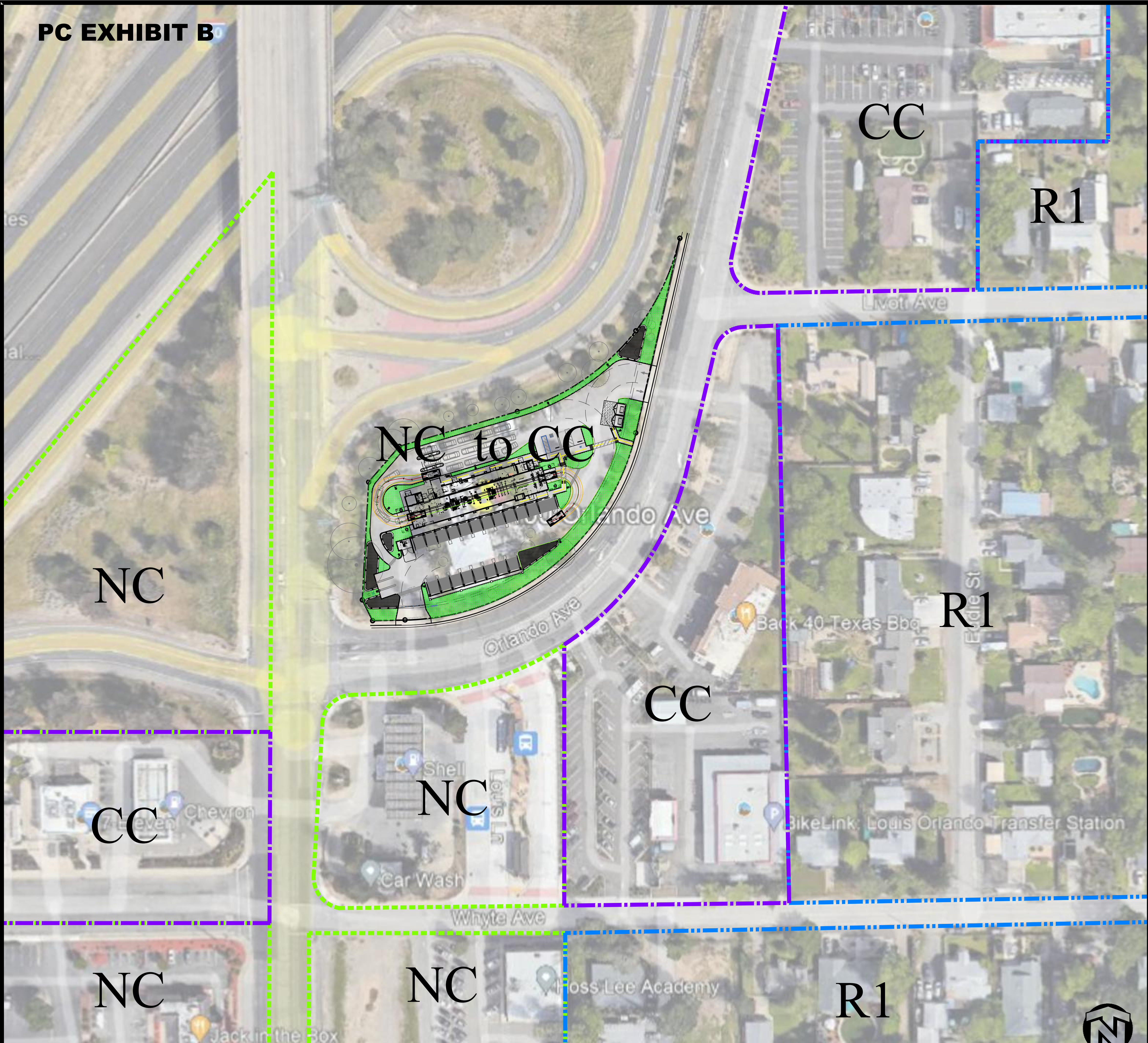
## **EXAMPLE** **MITIGATION VERIFICATION FORM**

### Mitigation Measure MM3

Description of Monitoring and Verification Work Performed. The following information is a required part of the description: dates, personnel names or titles, and the stage/phase of construction work. Additional notes sheets may be attached, if necessary, or the below may simply reference a separate attachment that provides the required information.

The mitigation measure text is included on the Improvement Plans General Notes page (Improvement Plan EN15-0001). On May 4, 2016, prior to any ground-disturbing activities (the pre-construction phase), a site meeting was held. At this meeting, workers on the site were informed of the potential to unearth remains, and were instructed to cease work and notify their supervisor immediately if any resources were observed.





PROJECT DATA

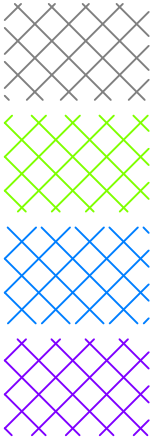
- A

PROJECT SITE- ZONE NC , REZONING TO CC
- B

ZONE CC
- C

ZONE R1- NOT IN ROSEVILLE
- B

ZONE CC



K12 Architects, Inc  
3090 Fite Circle, #104  
Sacramento, CA 95827  
PH:(916) 455-6500 FAX:(916) 455-8100

CONSULTANTS:

CONTRACTOR:

PROJECT:

BEE SHINE  
CAR WASH

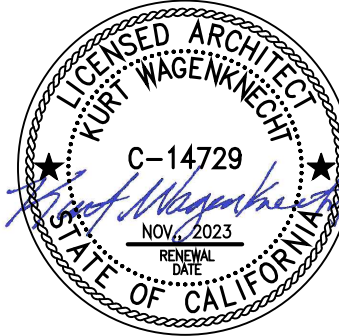
NEW CAR WASH

1100 ORLANDO AVE  
ROSEVILLE, CA 95661

DEVELOPER:

REVISIONS:  
PLANNING COMMENTS 1/26/23

PROFESSIONAL SEALS:



PROJECT NUMBER: 22-005 | PROJECT DATE: 4-12-2022

SHEET CONTENTS:

ZONING MAP

SHEET NUMBER:

A104



PC EXHIBIT C



20 SITE PLAN



SCALE: 1" = 20'-0"

PROJECT DATA

|                                   |                                        |                   |                 |
|-----------------------------------|----------------------------------------|-------------------|-----------------|
| ASSESSOR'S PARCEL NUMBER(S):      | 471-060-060-000 (53,601 S.F., 1.23 AC) |                   |                 |
| ORIGINAL PARCELS                  |                                        |                   |                 |
| GENERAL PLAN DESIGNATION:         | LC - LIMITED COMMERCIAL                |                   |                 |
| ZONING:                           | PLANNED DEVELOPMENT COMMERCIAL- PD-C   |                   |                 |
| PROJECT SITE AREA (GROSS):        | +/- 59,601 S.F.                        | +/- 1.37 ACRES    |                 |
| BUILDING DATA:                    |                                        |                   |                 |
| STRUCTURE                         | CBC<br>OCCUP.                          | TYPE OF<br>CONST. | AREA            |
| RETAIL FACILITY BUILDING AREA(S): |                                        |                   |                 |
| CAR WASH TUNNEL                   | B                                      | II B              | 4,542 S.F.      |
| FLOOR TO AREA RATIO:              |                                        |                   |                 |
| TOTAL AREA OF SITE:               |                                        |                   | 59,601 S.F.     |
| TOTAL AREA OF BLDGS: (W/O CANOPY) |                                        |                   | (8%) 4,542 S.F. |

KEYNOTES

- 1 CAR WASH MONUMENT SIGN.
- 2 CONCRETE CURB.
- 3 CONCRETE WALK.
- 4 SITE AREA LIGHT. WITH CONCRETE BASE SHALL HAVE A DRY BACK FINISH. TYPICAL. SEE DETAIL(S) 10/A104, 6 & 16 A107
- 5 LANDSCAPING, SEE LANDSCAPING DRAWINGS.
- 6 CONCRETE PAVING, SEE CIVIL DRAWINGS.
- 7 EV CHARGING STATION
- 8 TRASH ENCLOSURE AND CONC. APPROACH SLAB. SEE SHEET A102 FOR DETAILS
- 9 138'-0" LF OF VEHICLE STACKING (138 X 3 LANES/ 22 ± 15 VEHICLES)
- 10 CAR WASH VACUUM STATION
- 11 ACCESSIBLE VAN PARKING STALL
- 12 NEW DRIVEWAY - SEE CIVIL DWGS
- 13 CAR WASH PAY STATION - BY OWNER HIRED CONSULTANT
- 14 60" WIDE STRIPED ACCESS WALK WAY
- 15 TRUNCATED DOMES - WIDTH OF ACCESS x 36" DEEP
- 16 PATH OF ACCESSIBLE TRAVEL SIGNAGE, SEE DETAIL
- 17 DOG WASH
- 18 CLEAN AIR VEHICLE PARKING SPACES WHITE LETTERING.
- 19 ACCESSIBILITY PATH OF TRAVEL
- 20 CAR WASH CLARIFIER TANKS.
- 21 12'-6" P.U.E.
- 22 15'-0" LANDSCAPE SETBACK
- 23 EXISTING FIRE HYDRANT
- 24 EXISTING POLE SIGN TO REMAIN
- 25 EXISTING TREES, NOT ON OUR PROPERTY
- 26 EXISTING TREE TO REMAIN
- 27 EMERGENCY GATE, PER FIRE DEPARTMENT DETAIL, GATE TO REMAIN LOCKED IN CLOSED POSITION. EMERGENCY ENTRANCE/EXIT ONLY.
- 28 36" HIGH CMU SCREEN WALL WITH STONE VENEER ON BOTH SIDE AND STONE CAP ON TOP. VENEER TO MATCH BUILDING. SEE DETAIL 13/A102

ALL WALKWAYS AND SIDEWALKS ALONG ACCESSIBLE ROUTES OF TRAVEL, (1) ARE CONTINUOUSLY ACCESSIBLE, (2) HAVE A MAXIMUM 1/2" CHANGE IN ELEVATION, (3) ARE MINIMUM 48" IN WIDTH, (4) HAVE A MAXIMUM 2% CROSS SLOPE, AND (5) WHERE NECESSARY TO CHANGE ELEVATION AT A SLOPE EXCEEDING 5% (I.E. 1:20) SHALL HAVE RAMPS COMPLYING WITH 2019 CBC, SECTION 11B-408 OR 11B408 AS APPROPRIATE. WHERE A WALK CROSSES OR ADJOINS A VEHICULAR WAY, AND THE WALKING SURFACES ARE NOT SEPARATED BY CURBS, RAILINGS OR OTHER ELEMENTS BETWEEN THE PEDESTRIAN AREAS AND VEHICULAR AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36" WIDE, COMPLYING 2019 CBC, SECTION 11B-705.1.2.5.

--- PATH OF TRAVEL



K12 Architects, Inc  
3090 Fite Circle, #104  
Sacramento, CA 95827  
PH:(916) 455-6500 FAX:(916) 455-8100

CONSULTANTS:

CONTRACTOR:

PROJECT:

BEE SHINE  
CAR WASH

NEW CAR WASH

1100 ORLANDO AVE  
ROSEVILLE, CA 95661

DEVELOPER:

REVISIONS:  
PLANNING COMMENTS 1/26/23

PROFESSIONAL SEALS:



PROJECT NUMBER: 22-005 PROJECT DATE: 4-12-2022

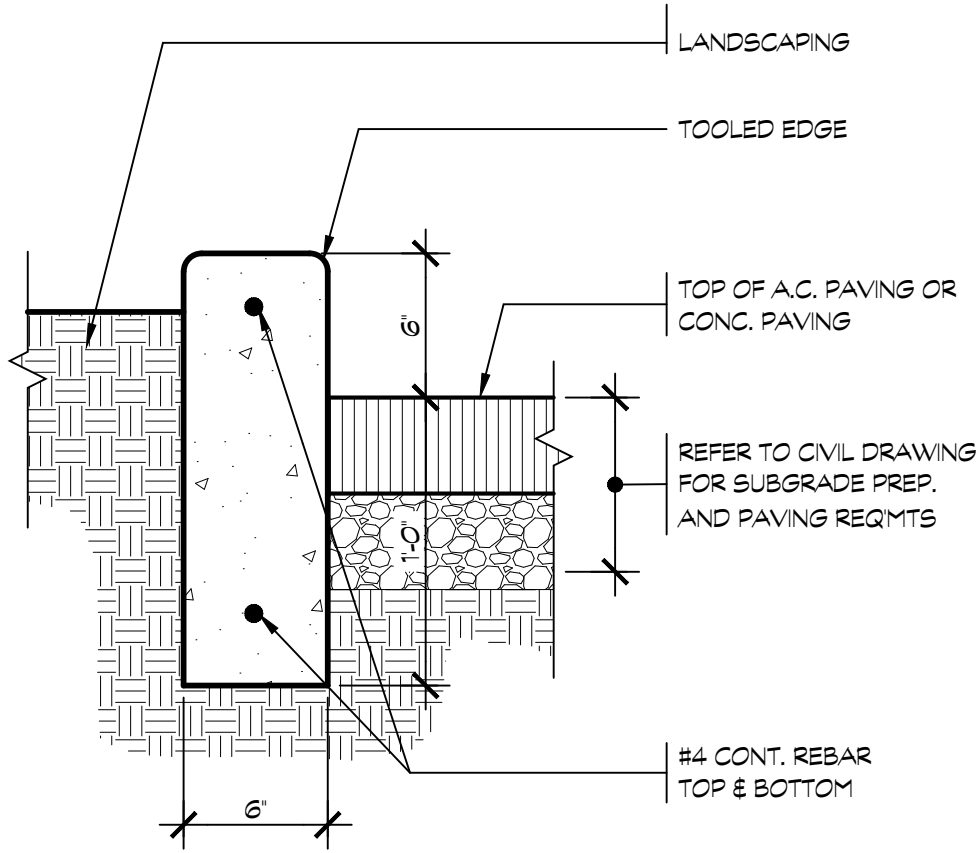
SHEET CONTENTS:

PROPOSED  
SITE PLAN

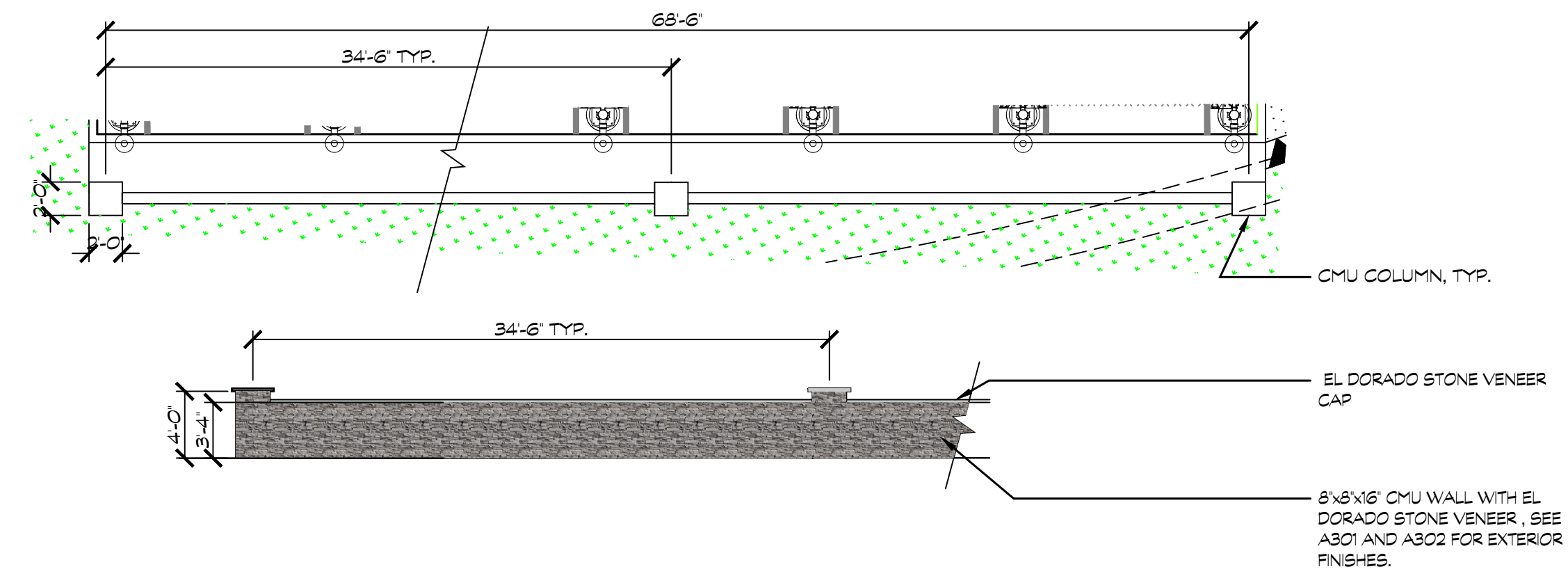
SHEET NUMBER:

A101

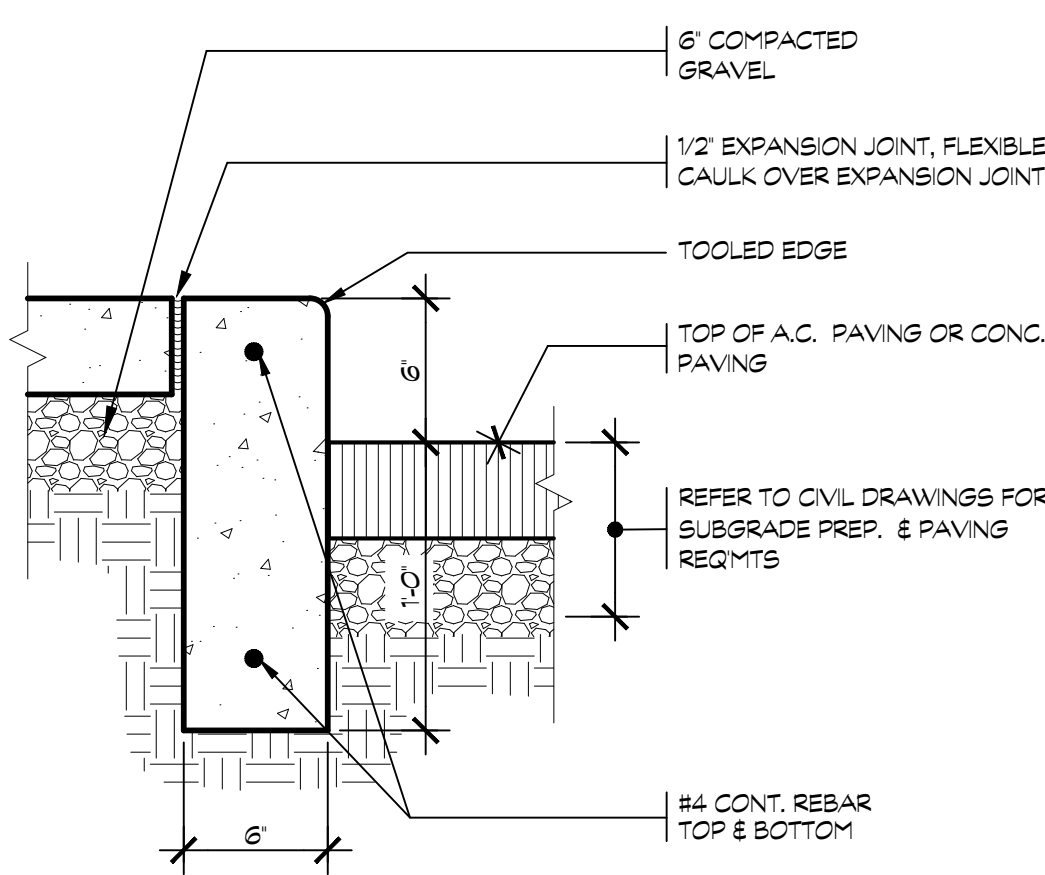




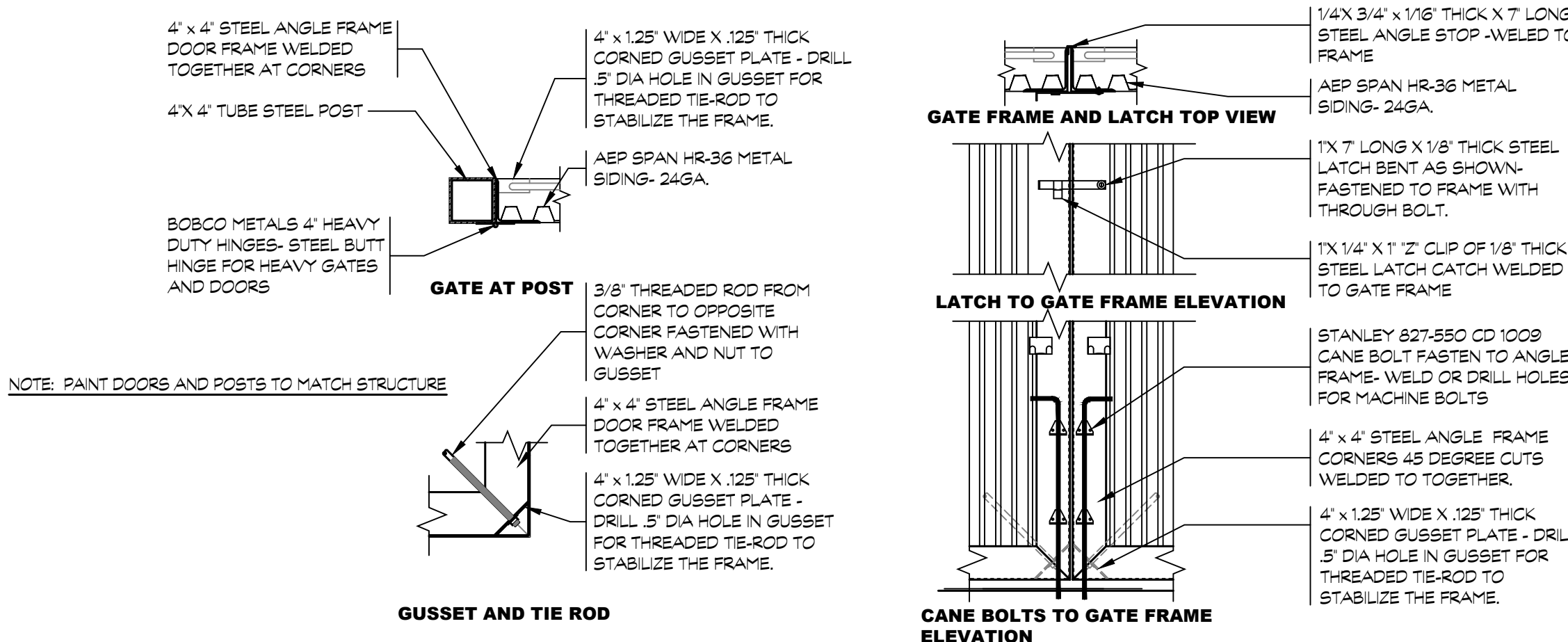
17 **CONC. CURB @ LANDSCAPING**  
SCALE: 1 1/2"=1'-0"



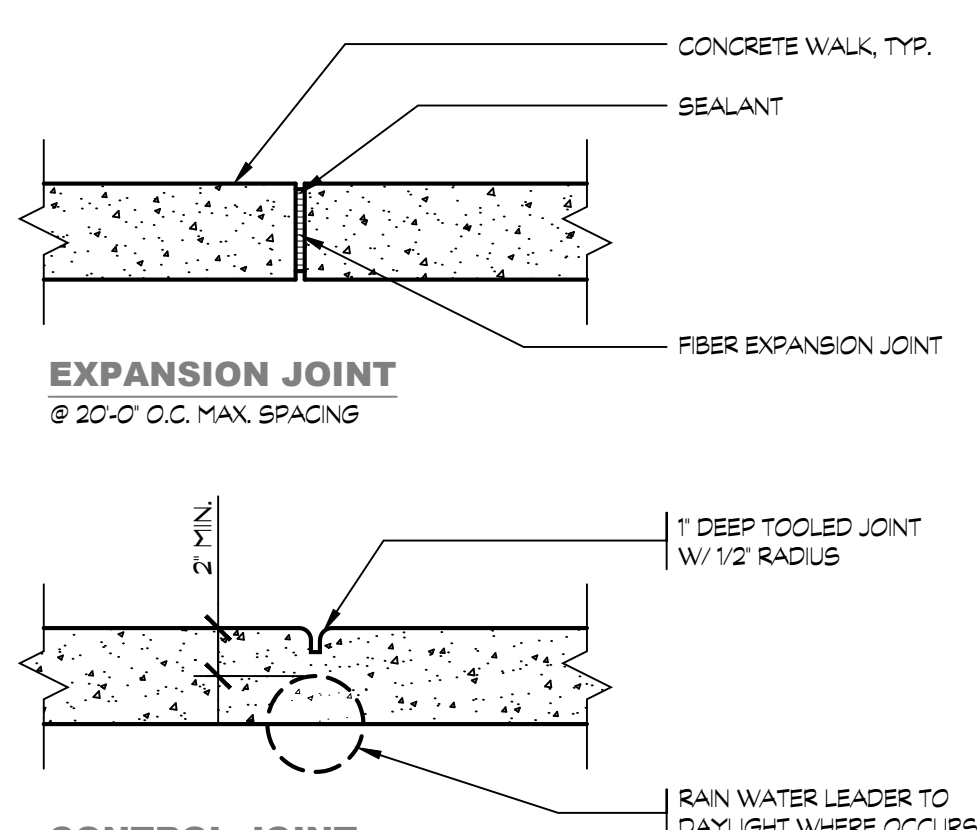
13 **SCREEN WALL**  
SCALE: 1/8" = 1'-0"



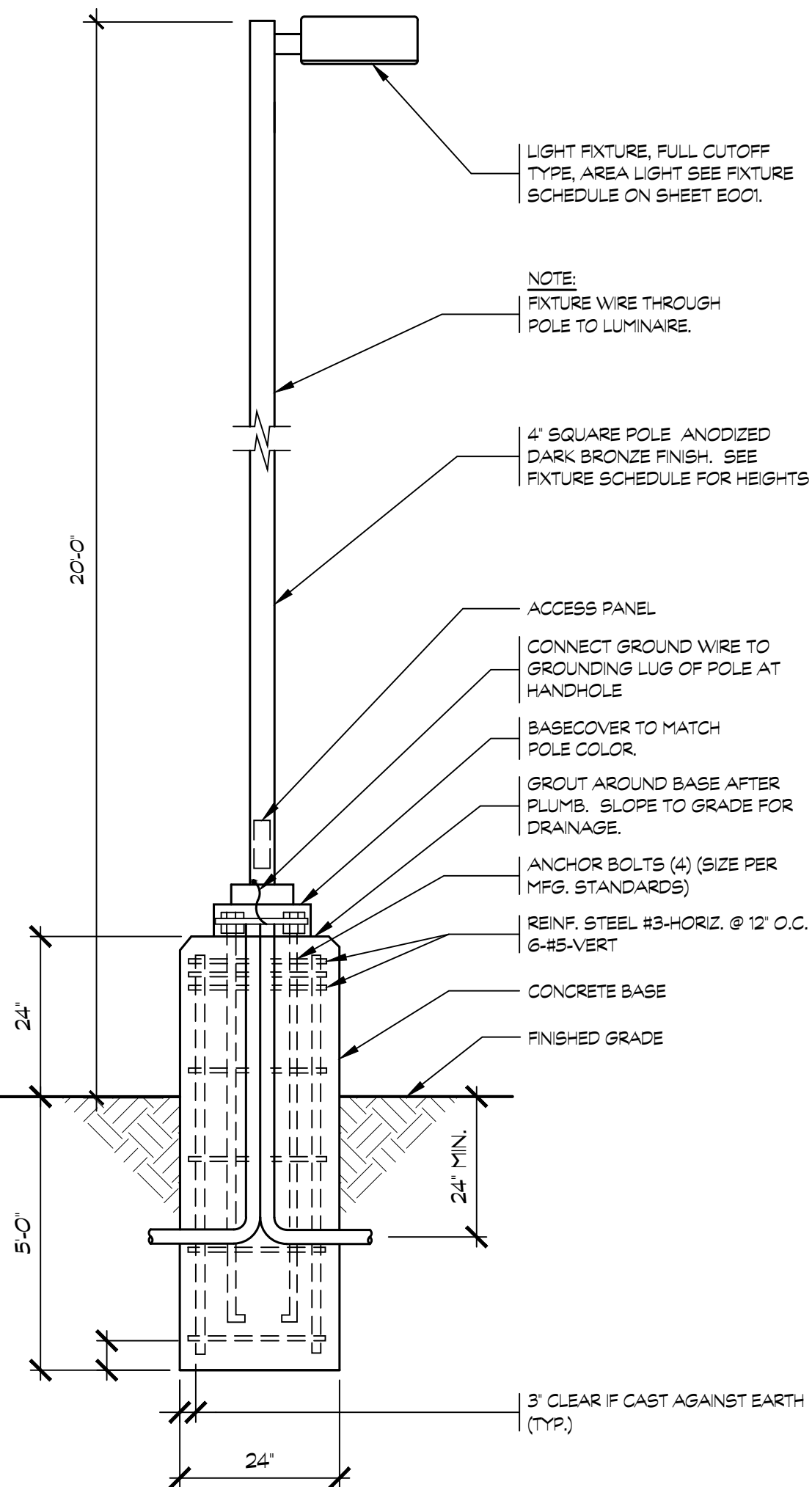
18 **CONC. WALK CURB**  
SCALE: 1 1/2"=1'-0"



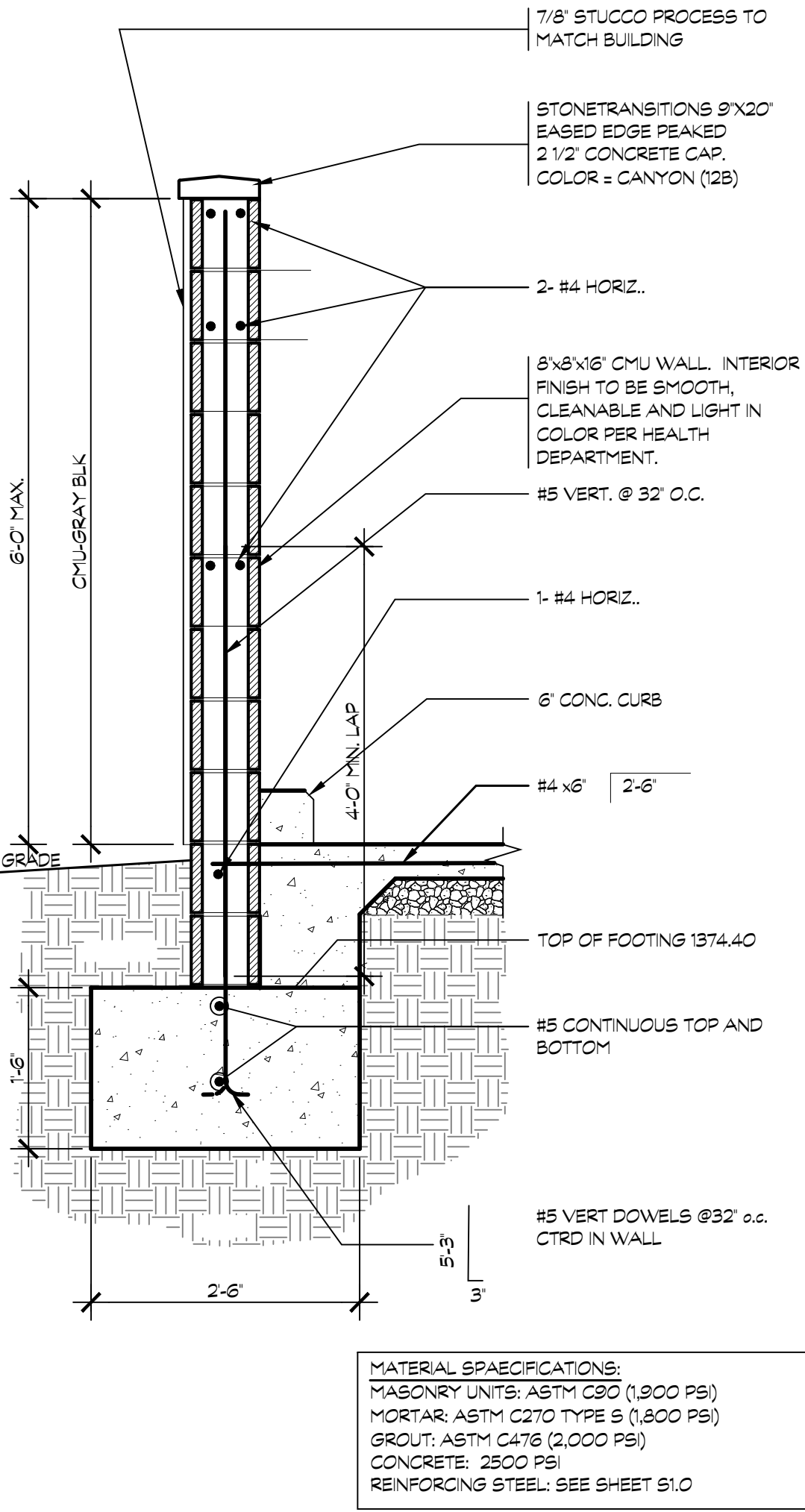
14 **TRASH AND VACUUM ENCLOSURE GATE DETAILS**  
SCALE: 1" = 1'-0"



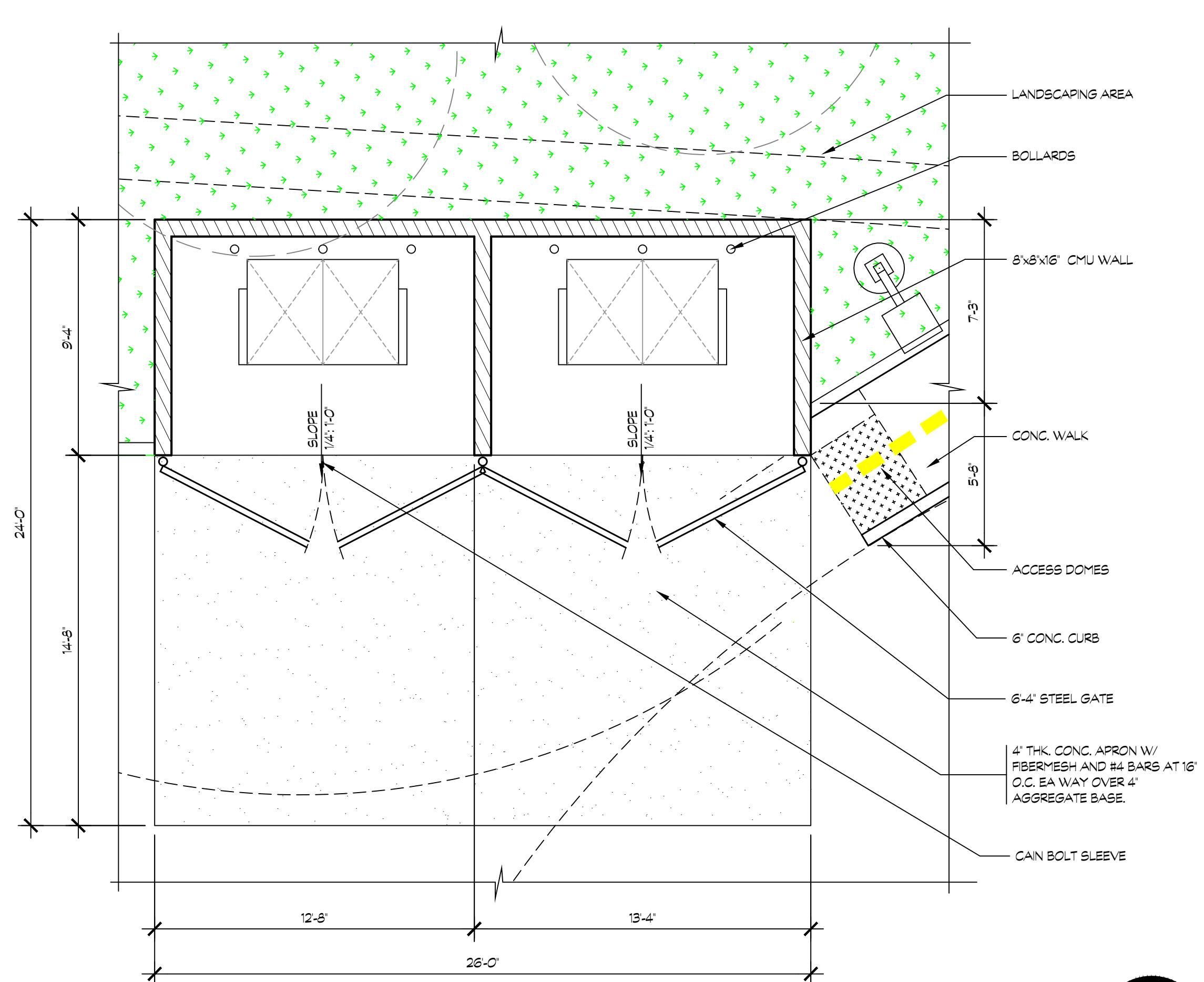
19 **CONC. WALK EXPANSION & CONTROL JOINTS**  
SCALE: 1 1/2"=1'-0"



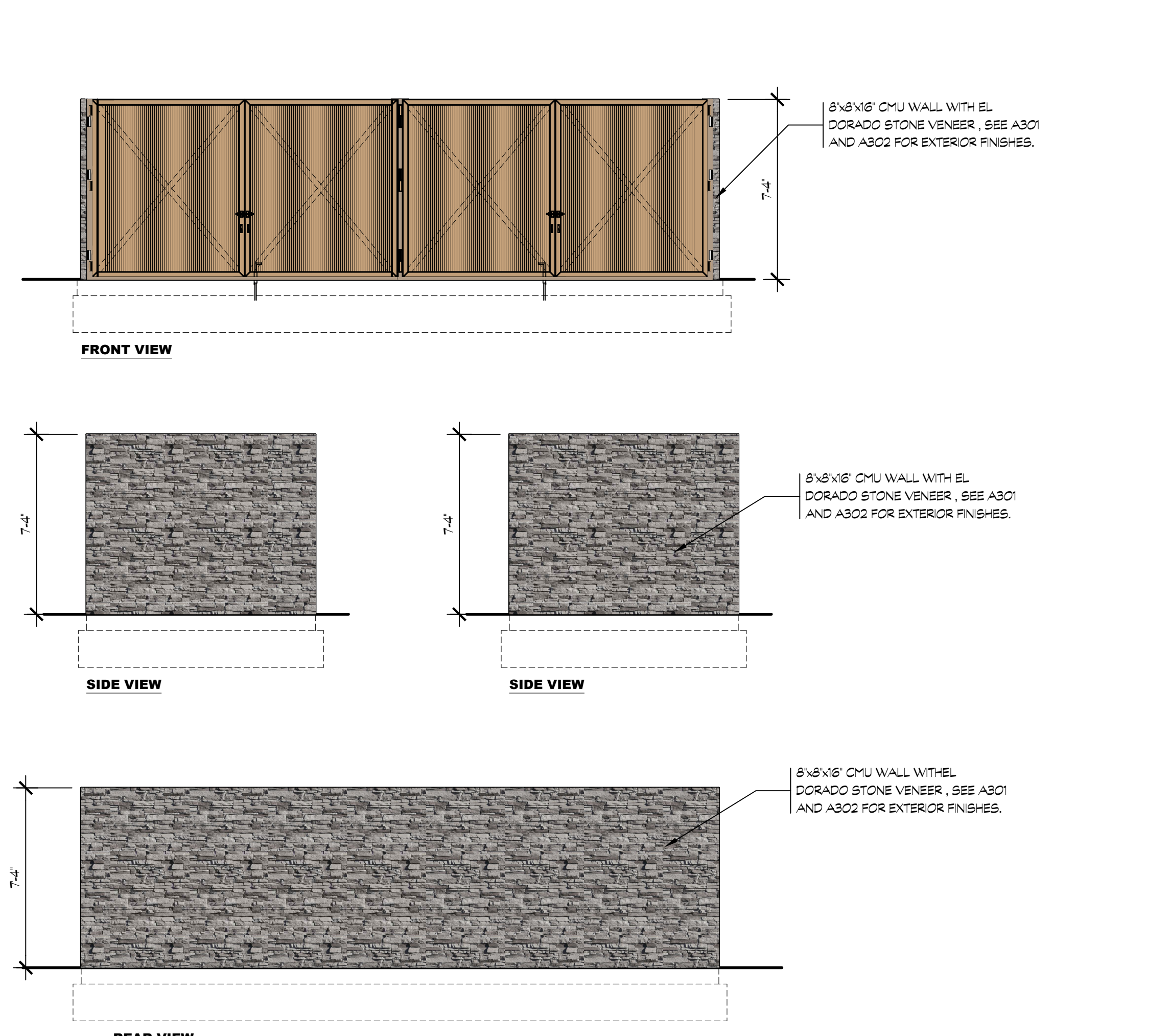
16 **POLE MOUNTED LIGHT FIXTURE**  
SCALE: NTS



12 **TRASH ENCLOSURE WALL SEC.**  
SCALE: 3/4" = 1'-0"



6 **TRASH ENCLOSURE PLAN**  
SCALE: 1/4"= 1'-0"



8 **TRASH ENCLOSURE ELEVATIONS**  
SCALE: 1/4"= 1'-0"



**K12 Architects**

K12 Architects, Inc  
3090 Fite Circle, #104  
Sacramento, CA 95827  
PH:(916) 455-6500 FAX:(916) 455-8100

CONSULTANTS:

CONTRACTOR:

PROJECT:

**BEE SHINE  
CAR WASH**

**NEW CAR WASH**

**1100 ORLANDO AVE  
ROSEVILLE, CA 95661**

DEVELOPER:

REVISIONS:  
PLANNING COMMENTS 1/26/23

PROFESSIONAL SEALS:



PROJECT NUMBER: 22-005 PROJECT DATE: 4-12-2022

SHEET CONTENTS:

**SITE DETAILS**

SHEET NUMBER:

**A102**







PC EXHIBIT D



Architects

K12 Architects, Inc  
3090 Fite Circle, #104  
Sacramento, CA 95827  
PH:(916) 455-6500 FAX:(916) 455-8100

CONSULTANTS:

CONTRACTOR:

PROJECT:

BEE SHINE  
CAR WASH

NEW CAR WASH

1100 ORLANDO AVE  
ROSEVILLE, CA 95661

DEVELOPER:

REVISIONS:  
PLANNING COMMENTS 1/26/23

PROFESSIONAL SEALS:



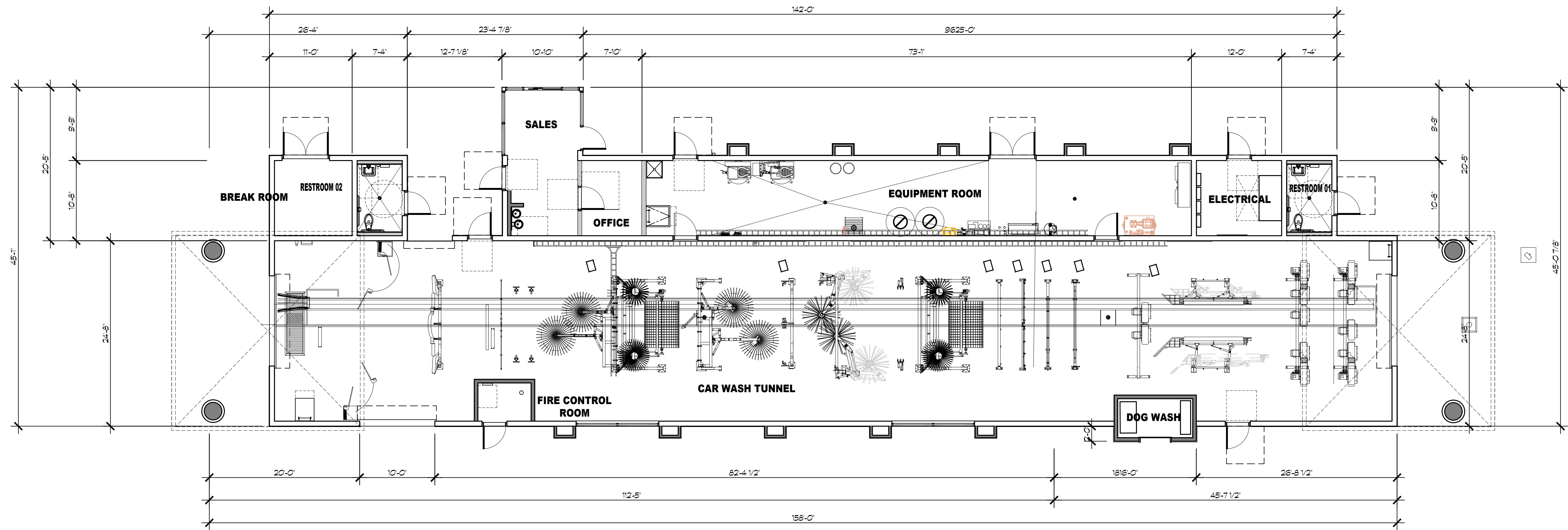
PROJECT NUMBER: 22-005 PROJECT DATE: 4-12-2022

SHEET CONTENTS:

OVERALL  
FLOOR PLAN

SHEET NUMBER:

A200







**K12 Architects**

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CONSULTANTS:

CONTRACTOR:

PROJECT:

**BEE SHINE  
CAR WASH**

**NEW CAR WASH**

**1100 ORLANDO AVE  
ROSEVILLE, CA 95661**

DEVELOPER:

REVISIONS:  
PLANNING COMMENTS 1/26/23

PROFESSIONAL SEALS:



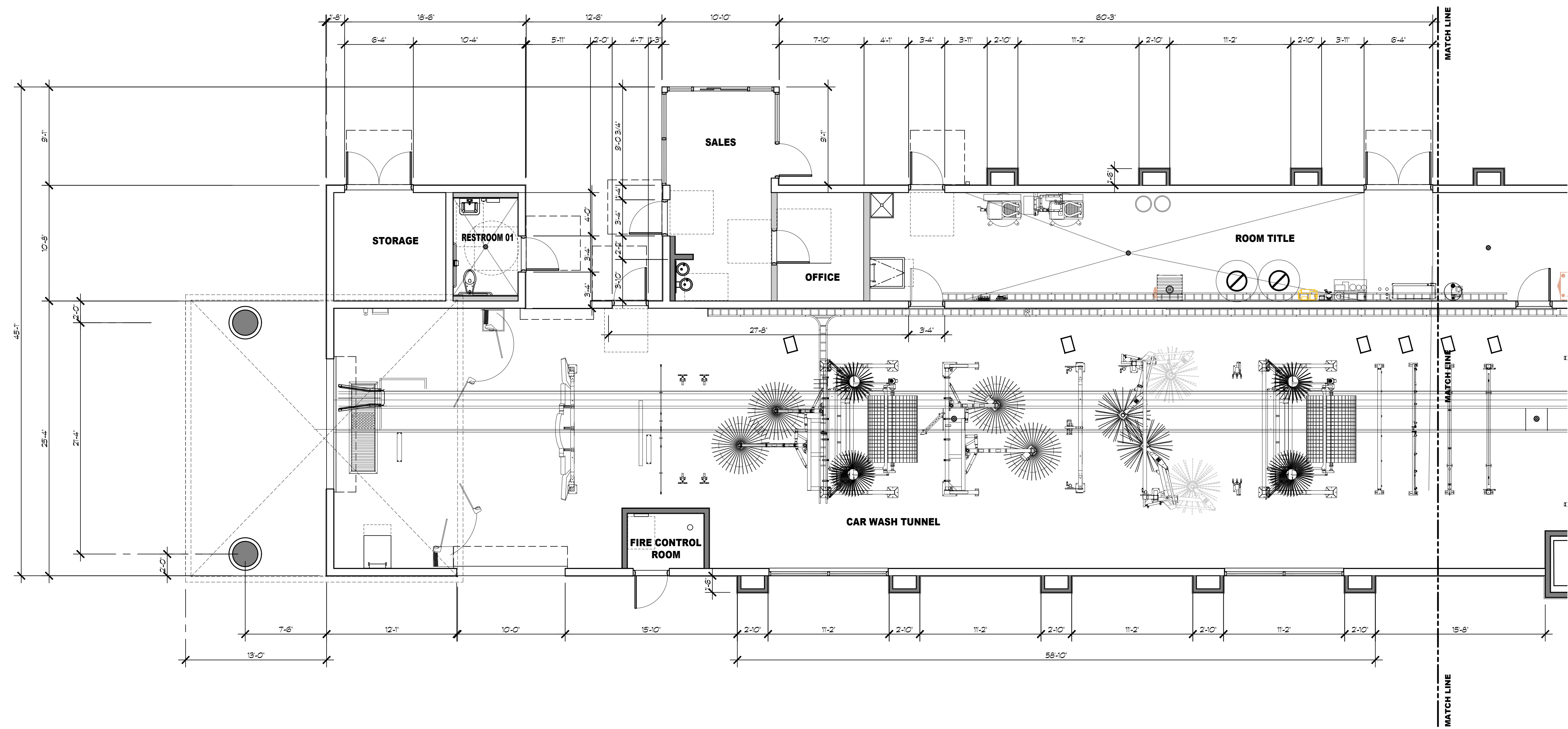
PROJECT NUMBER: **22-005** PROJECT DATE: **4-12-2022**

SHEET CONTENTS:

**FLOOR PLAN**

SHEET NUMBER:

**A201**







**K12  
Architects**

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Sacramento, CA 95827  
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CONSULTANTS:

CONTRACTOR:

PROJECT:

**BEE SHINE  
CAR WASH**

**NEW CAR WASH**

**1100 ORLANDO AVE  
ROSEVILLE, CA 95661**

DEVELOPER:

|                   |         |  |
|-------------------|---------|--|
| REVISIONS:        |         |  |
| PLANNING COMMENTS | 1/26/23 |  |

PROFESSIONAL SEALS:



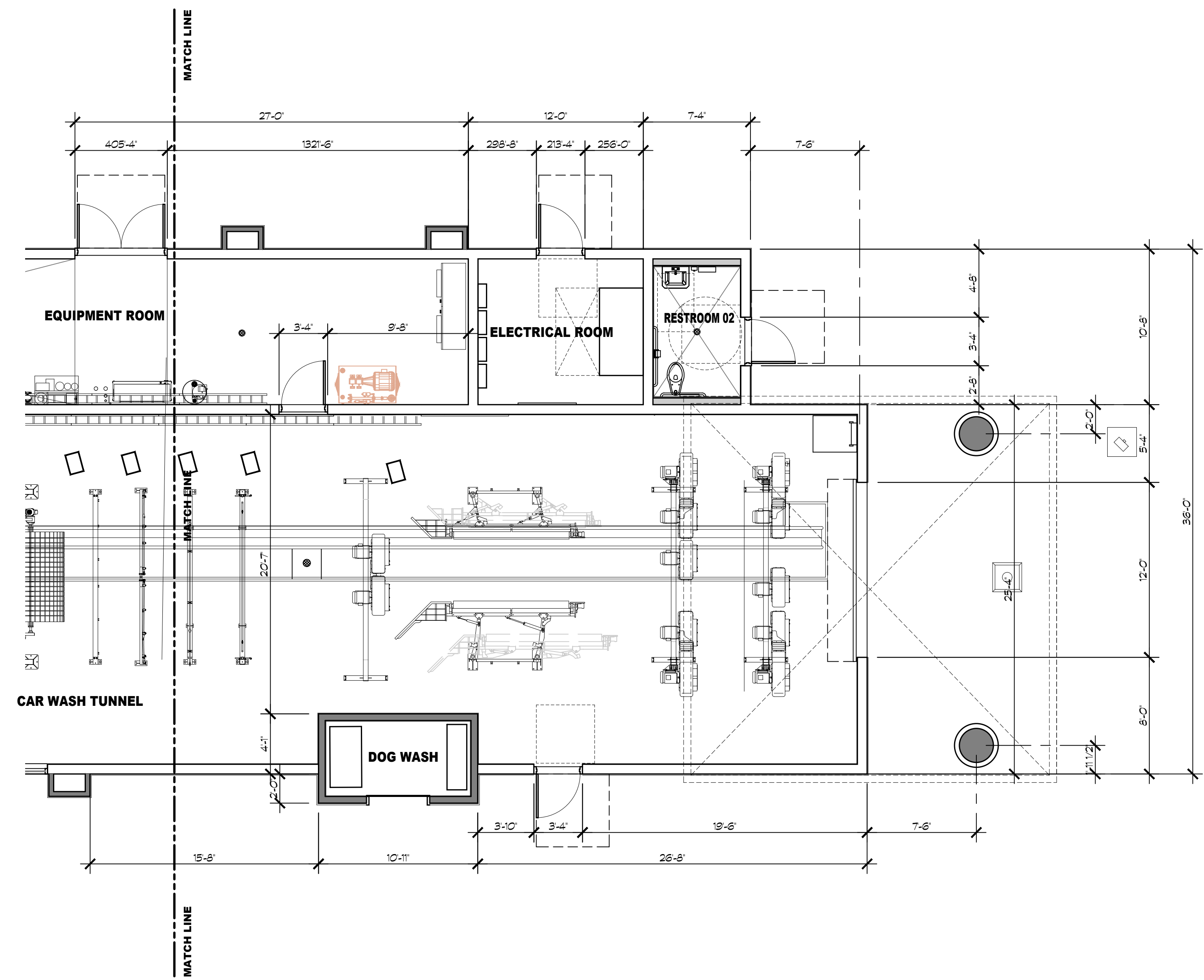
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|-----------------|---------------|
| PROJECT NUMBER: | PROJECT DATE: |
| 22-005          | 4-12-2022     |

SHEET CONTENTS:

**FLOOR PLAN**

SHEET NUMBER:

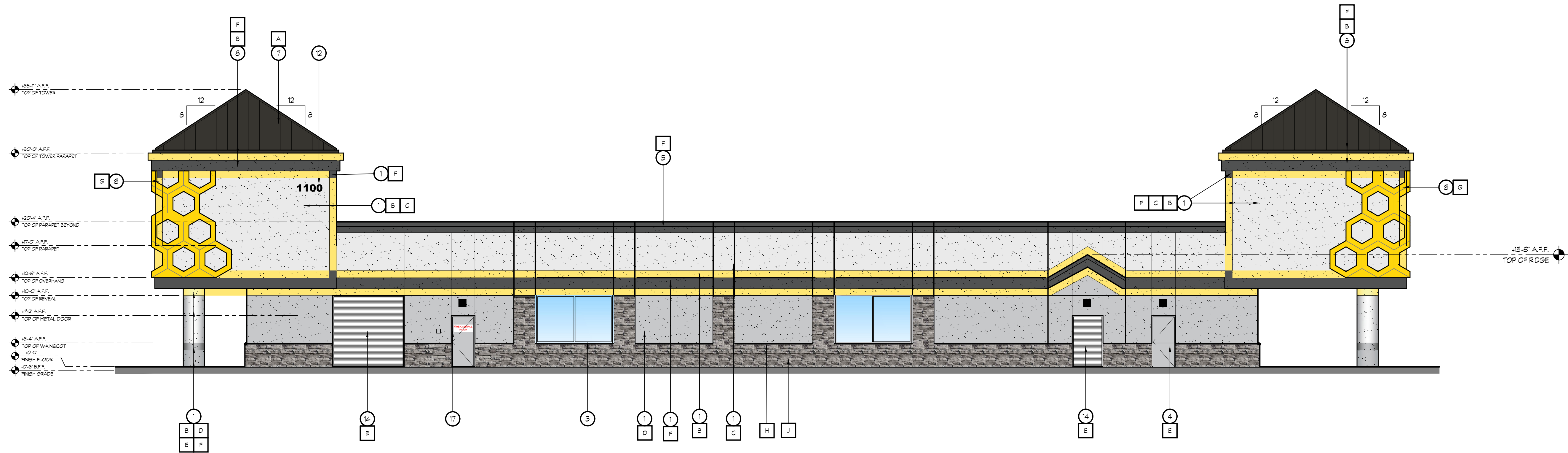
**A202**



SCALE: 3/16"= 1'-0"

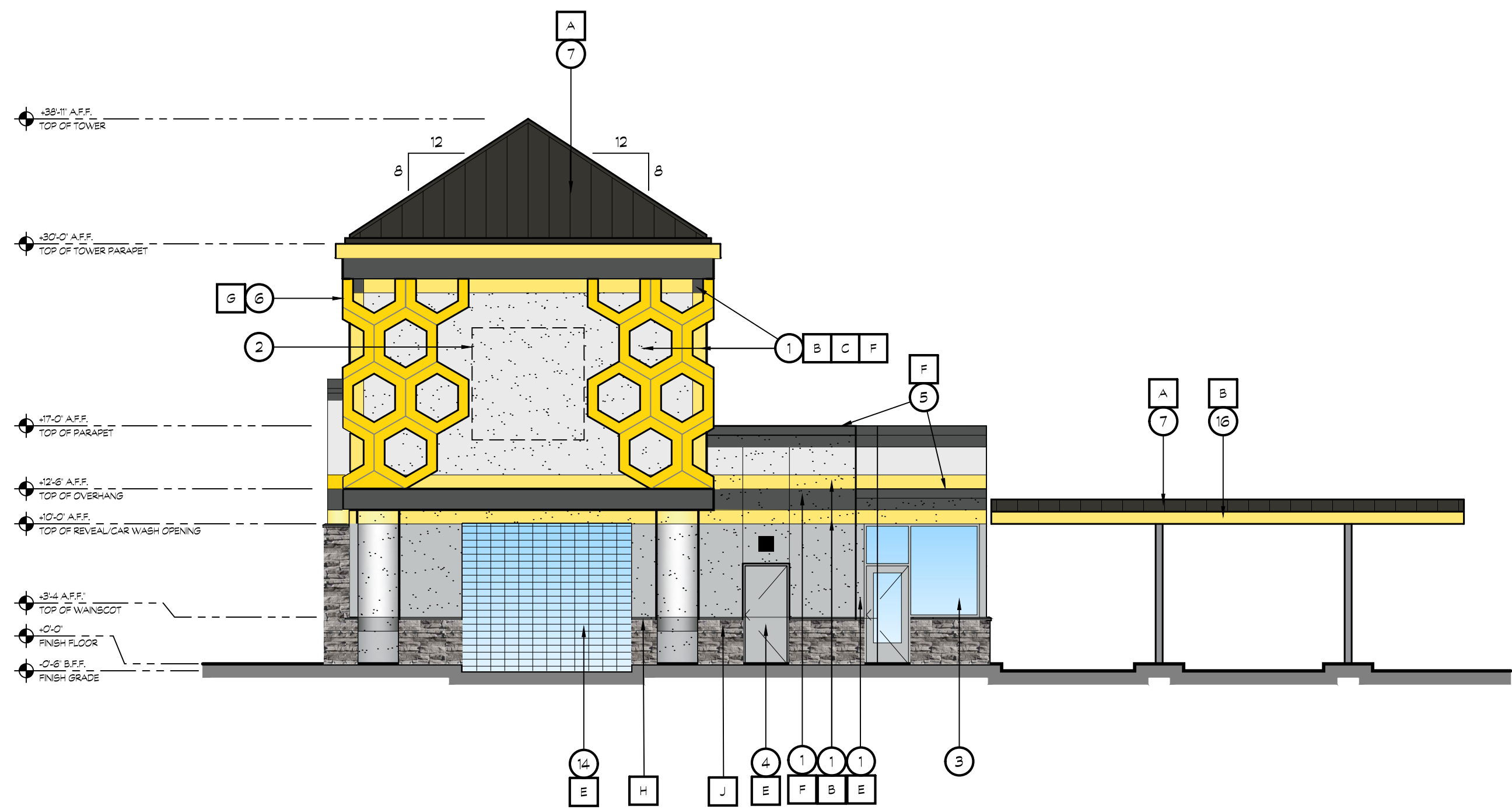


PC EXHIBIT E



18 CAR WASH SOUTH ELEVATION

SCALE: 1/8"= 1'-0"



20 CAR WASH EAST ELEVATION

SCALE: 1/8"= 1'-0"

KEY NOTES

- 1 THREE COAT STUCCO SYSTEM OVER WATER RESISTANT BARRIER
- 2 SIGNAGE BY OWNER
- 3 STOREFRONT WINDOW SYSTEM: DARK BRONZE ANODIZED, 2'x4.5' CENTER GLAZING SYSTEM; WITH 1' CLEAR DUAL GLAZING
- 4 HOLLOW CORE METAL DOOR
- 5 ROOF TRIM
- 6 ACM PANEL
- 7 STANDING SEAM METAL ROOFING
- 8 FOAM PARAPET - PAINTED
- 9 WALL LIGHT BY OWNER
- 10 DRIVE-THRU WINDOW
- 11 NOT USED
- 12 STREET ADDRESS, 12" HIGH LETTERS, 1 1/2" STROKE, BLACK, BACKGROUND COLOR TO MATCH TRIM COLOR, WALL WASH ILLUMINATION
- 13 6'x16' PRIMED & PAINTED GALV. LOUVERED VENT W/ SCREEN (TYP. OF 4), SEE DETAIL 13, 14, AND 15 ON SHEET A503.
- 14 ROLL UP DOOR
- 15 NOT USED
- 16 CAR WASH CANOPY
- 17 FIRE CONTROL ROOM: 3' HIGH LETTERS MIN. W/ 1/2" STROKE AND SHALL BE RED ON WHITE REFLECTIVE BACKGROUND

COLOR LEGEND

- |   |                                              |  |
|---|----------------------------------------------|--|
| A | AEP SPAN METALS- 'MIDNIGHT' BRONZE           |  |
| B | DUNN EDWARDS PAINT DE6353- 'GOLDEN CREST'    |  |
| C | DUNN EDWARDS PAINT DE6355- 'VAPOR'           |  |
| D | DUNN EDWARDS PAINT DE6360- 'FOIL'            |  |
| E | DUNN EDWARDS PAINT DE6361- 'BABY SEAL'       |  |
| F | DUNN EDWARDS PAINT DE6364- 'CAVERNOUS'       |  |
| G | ALPOLIC METAL PANELS- 'Y.L.W. YELLOW'        |  |
| H | EL DORADO STONE: WAISCOT BILL-GREY SKY       |  |
| J | EL DORADO STONE: STAKED STONE: SILVER LINING |  |



K12 Architects

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CONSULTANTS:

CONTRACTOR:

PROJECT:

**BEE SHINE  
CAR WASH**

NEW CAR WASH

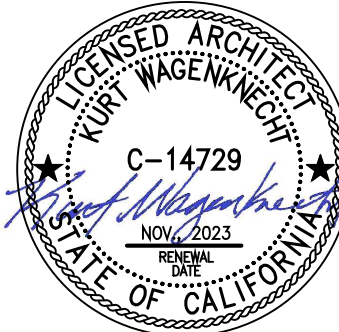
**1100 ORLANDO AVE  
ROSEVILLE, CA 95661**

DEVELOPER:

REVISIONS:

PLANNING COMMENTS 1/26/23

PROFESSIONAL SEALS:



PROJECT NUMBER: 22-005 PROJECT DATE: 4-12-2022

SHEET CONTENTS:

**CAR WASH  
EXTERIOR  
ELEVATIONS**

SHEET NUMBER:

**A302**



CONSULTANTS:

CONTRACTOR:

PROJECT:

BEE SHINE  
CAR WASH

NEW CAR WASH

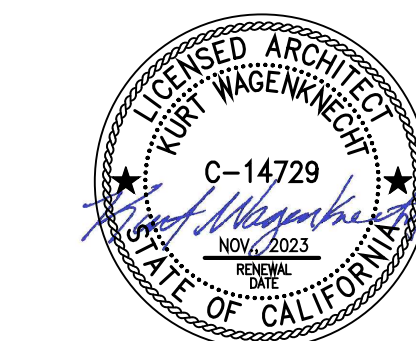
1100 ORLANDO AVE  
ROSEVILLE, CA 95661

DEVELOPER:

REVISIONS:

PLANNING COMMENTS 1/26/23

PROFESSIONAL SEALS:



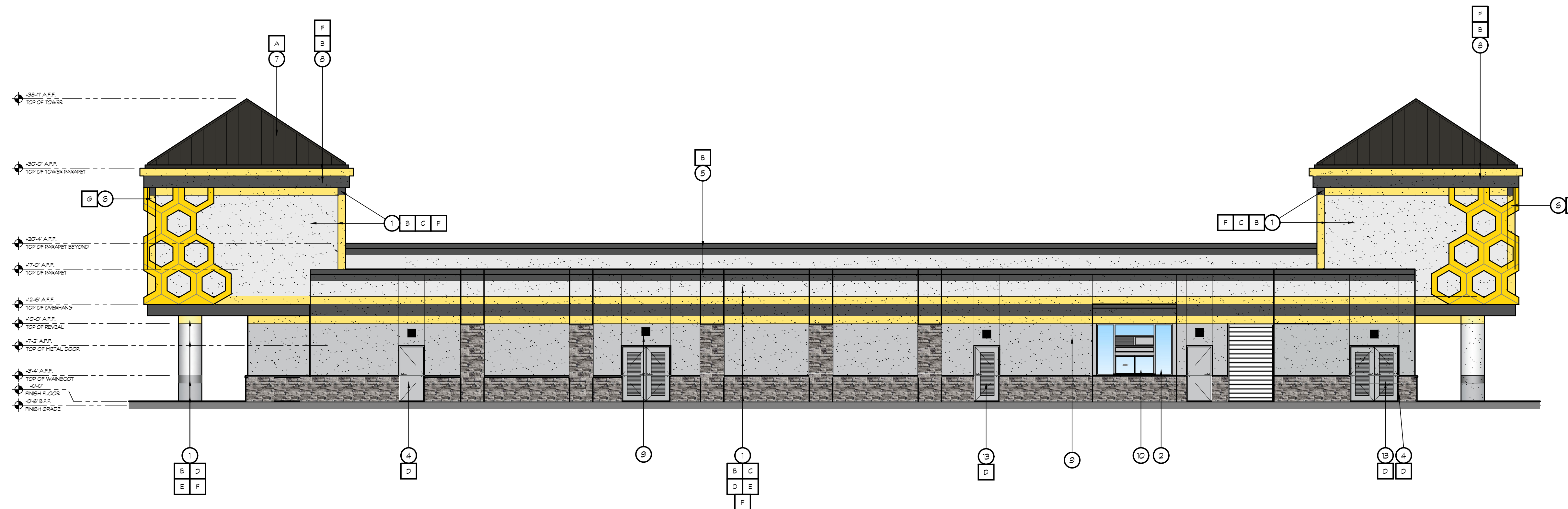
PROJECT NUMBER: 22-005 PROJECT DATE: 4-12-2022

SHEET CONTENTS:

CAR WASH  
EXTERIOR  
ELEVATIONS

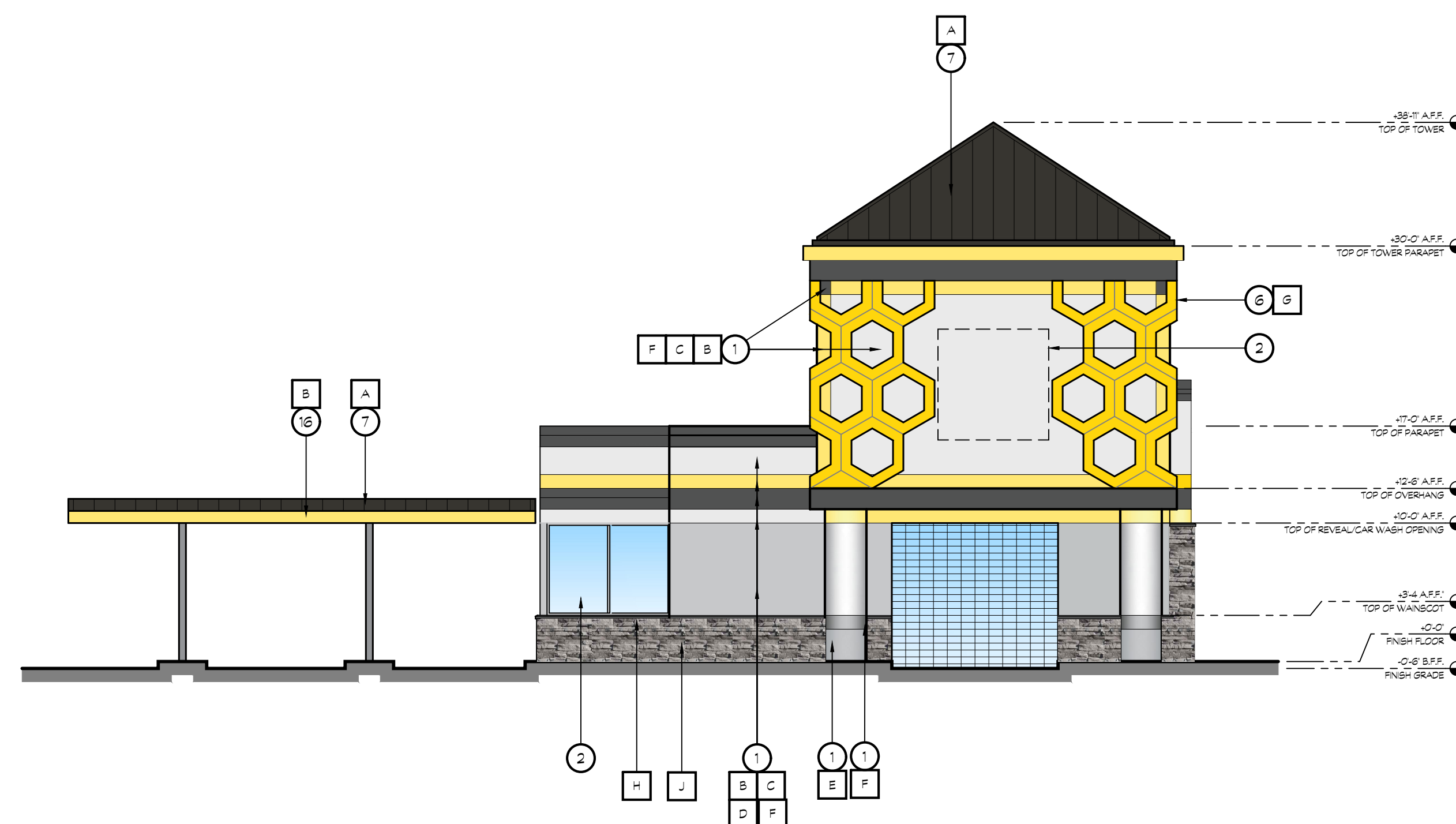
SHEET NUMBER:

A301



18 CAR WASH NORTH ELEVATION

SCALE: 1/8" = 1'-0"



20 CAR WASH WEST ELEVATION

SCALE: 1/8" = 1'-0"

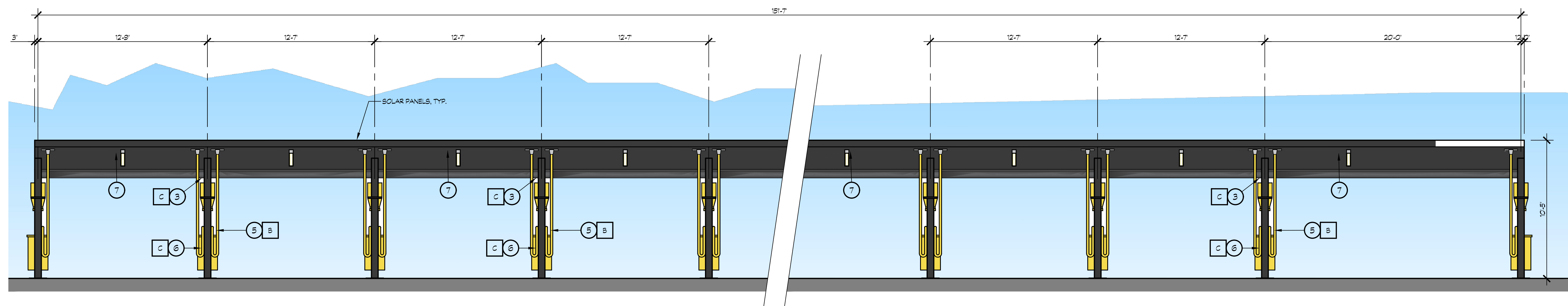
KEY NOTES

- THREE COAT STUCCO SYSTEM OVER WATER RESISTANT BARRIER
- SIGNAGE BY OWNER
- STOREFRONT WINDOW SYSTEM; DARK BRONZE ANODIZED, 2'x4.5' CENTER GLAZING SYSTEM; WITH 1' CLEAR DUAL GLAZING
- HOLLOW CORE METAL DOOR
- ROOF TRIM
- ACM PANEL
- STANDING SEAM METAL ROOFING
- FOAM PARAPET - PAINTED
- WALL LIGHT- WEDGE DOWN LIGHT
- DRIVE-THRU WINDOW
- NOT USED
- STREET ADDRESS, 12' HIGH LETTERS, 1 1/2" STROKE, BLACK, BACKGROUND COLOR TO MATCH TRIM COLOR, WALL WASH ILLUMINATION
- 24'x66' PRIMED & PAINTED GALV. LOUVERED VENT W/ SCREEN (TYP. OF 4), SEE DETAIL 13, 14, AND 15 ON SHEET A803.
- NOT USED
- NOT USED
- CAR WASH CANOPY

COLOR LEGEND

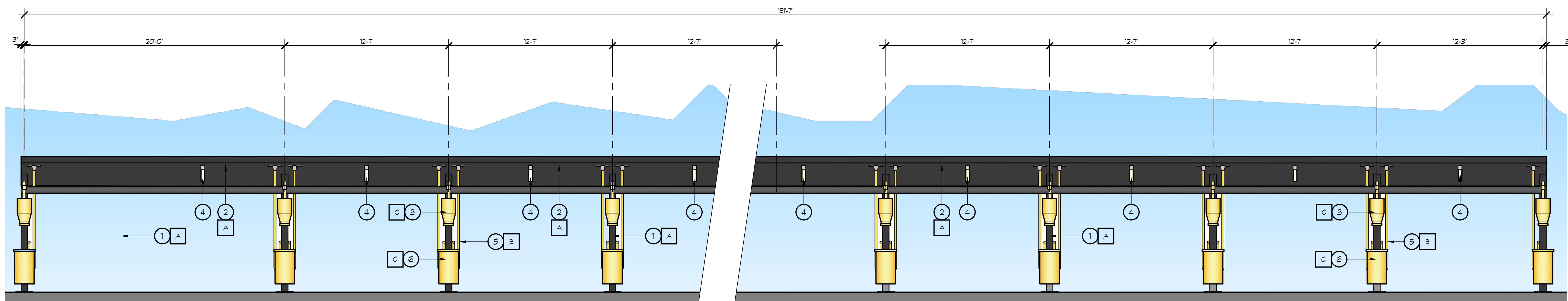
- |   |                                                      |  |
|---|------------------------------------------------------|--|
| A | AEP SPAN METALS- 'MIDNIGHT BRONZE' METAL ROOF PANELS |  |
| B | DUNN EDWARDS PAINT DE6353- 'GOLDEN CREST'            |  |
| C | DUNN EDWARDS PAINT DE6358- 'VAPOR'                   |  |
| D | DUNN EDWARDS PAINT DE6360- 'FOIL'                    |  |
| E | DUNN EDWARDS PAINT DE6361- 'BABY SEAL'               |  |
| F | DUNN EDWARDS PAINT DE6364- 'CAVERNOUS'               |  |
| G | ALPOLIC METAL PANELS- 'YLW YELLOW'                   |  |
| H | EL DORADO STONE- WAISCOT SILL-GREY SKY               |  |
| J | EL DORADO STONE- STAKED STONE- SILVER LINING         |  |





**18 VACUUM STATION NORTH ELEVATION (FROM DRIVEWAY)**

SCALE: 1/4" = 1'-0"



**19 VACUUM STATION SOUTH ELEVATION (FROM BUILDING SIDE)**

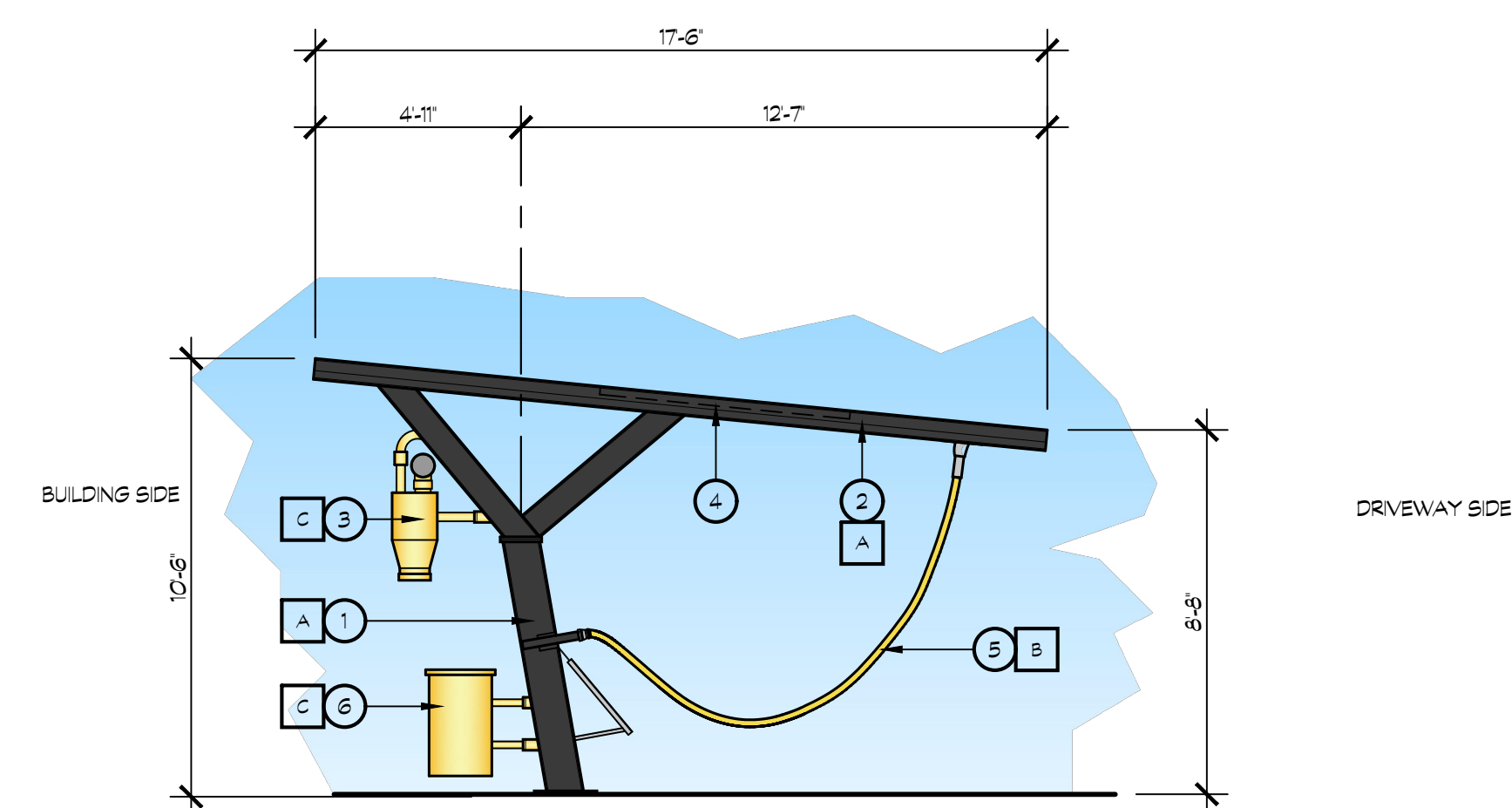
SCALE: 1/4" = 1'-0"

### KEY NOTES

- 1 STEEL COLUMN
- 2 STEEL BEAM
- 3 VACUUM PIPES ETC
- 4 LED LIGHT FIXTURE, LOW PROFILE W/ SENSOR- SEE DETAIL 14/A107 FOR STYLE & DETAIL
- 5 VACUUM HOSE
- 6 FIXED METAL TRASH CAN
- 7 UNDERSIDE OF SOLAR PANELS

### COLOR LEGEND

- A DUNN EDWARDS PAINT - DEAC02 - 'BLACK'
- B VACUTECH HOSE COLOR: 'YELLOW'
- C DUNN EDWARDS PAINT- DEAT18- 'GLDED'



**4 VACUUM STATION EAST ELEVATION**

WEST ELEVATION SIMILAR

SCALE: 1/4" = 1'-0"



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CONSULTANTS:

CONTRACTOR:

PROJECT:

**BEE SHINE  
CAR WASH**

**NEW CAR WASH**

**1100 ORLANDO AVE  
ROSEVILLE, CA 95661**

DEVELOPER:

REVISIONS:

PLANNING COMMENTS

1/26/23

PROFESSIONAL SEALS:



PROJECT NUMBER:

**22-005**

PROJECT DATE:

**4-12-2022**

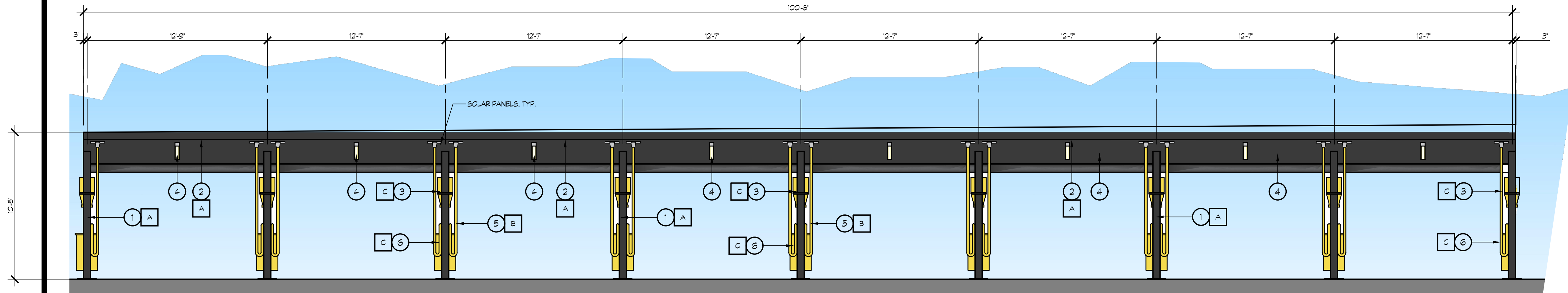
SHEET CONTENTS:

**VACUUM CANOPY  
ELEVATIONS**

SHEET NUMBER:

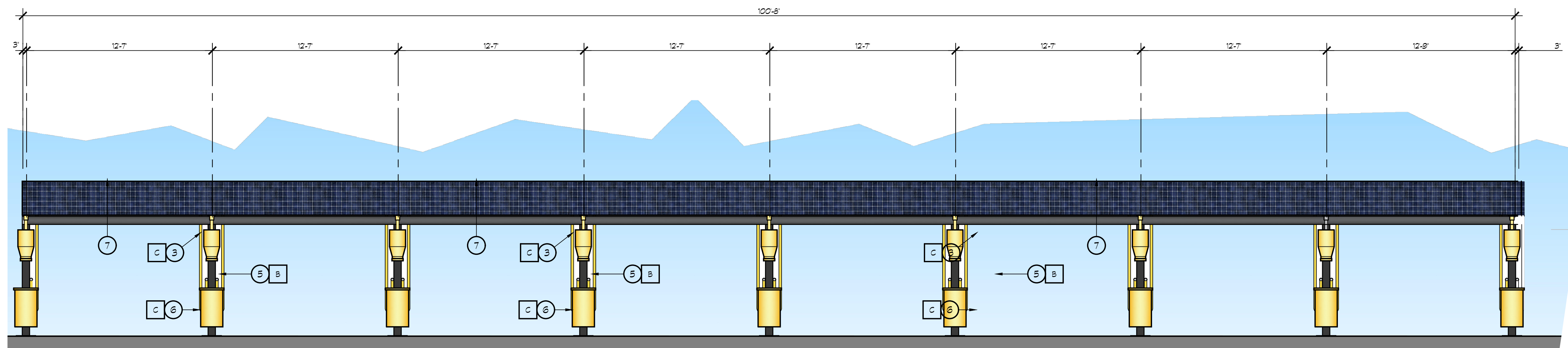
**A304**





**18 VACUUM STATION NORTH ELEVATION (FROM DRIVEWAY)**

SCALE: 1/4"= 1'-0"



**19 VACUUM STATION SOUTH ELEVATION (FROM STREET SIDE)**

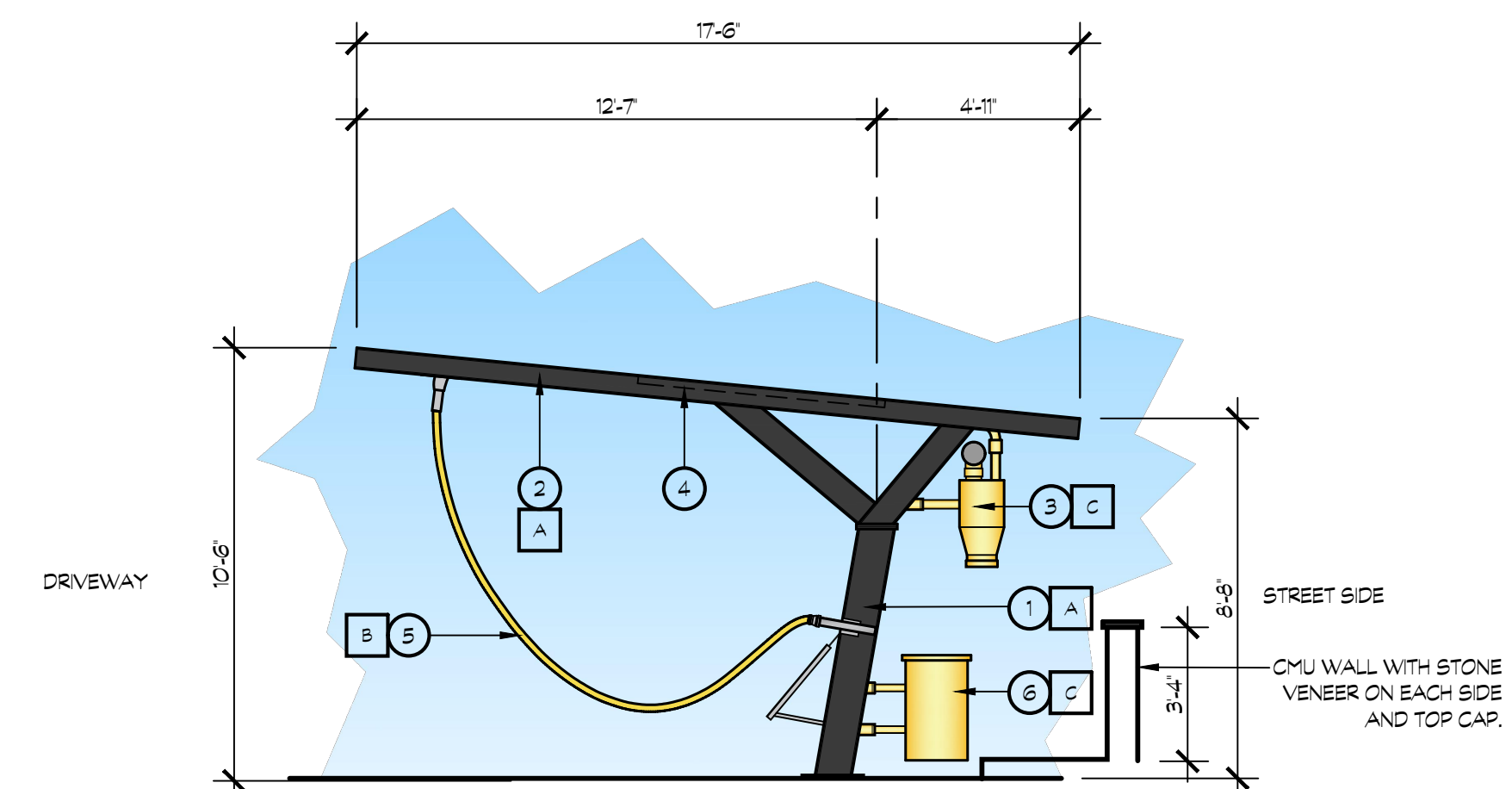
SCALE: 1/4"= 1'-0"

#### KEY NOTES

- ① STEEL COLUMN
- ② STEEL BEAM
- ③ VACUUM PIPES ETC
- ④ LED LIGHT FIXTURE, LOW PROFILE W/ SENSOR- SEE DETAIL 14/A107 FOR STYLE & DETAIL
- ⑤ VACUUM HOSE
- ⑥ FIXED METAL TRASH CAN
- ⑦ UNDERSIDE OF SOLAR PANELS

#### COLOR LEGEND

|   |                                       |  |
|---|---------------------------------------|--|
| A | DUNN EDWARDS PAINT - DEAC02 - "BLACK" |  |
| B | VACUTECH HOSE COLOR: "YELLOW"         |  |
| B | DUNN EDWARDS PAINT- DEAT1B- "GILDED"  |  |



**4 VACUUM STATION EAST ELEVATION**

WEST ELEVATION SIMILAR

SCALE: 1/4"= 1'-0"



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Sacramento, CA 95827

PH:(916) 455-6500 FAX:(916) 455-8100

CONSULTANTS:

CONTRACTOR:

PROJECT:

**BEE SHINE  
CAR WASH**

**NEW CAR WASH**

**1100 ORLANDO AVE  
ROSEVILLE, CA 95661**

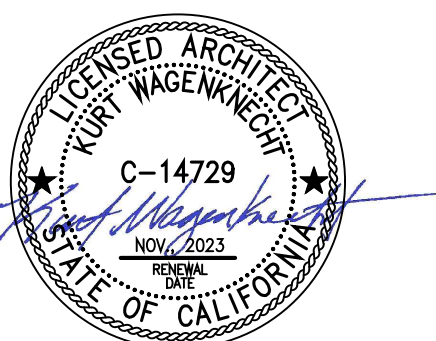
DEVELOPER:

REVISIONS:

PLANNING COMMENTS

1/26/23

PROFESSIONAL SEALS:



PROJECT NUMBER:

**22-005**

PROJECT DATE:

**4-12-2022**

SHEET CONTENTS:

**VACUUM CANOPY  
ELEVATIONS**

SHEET NUMBER:

**A305**





**Architects**

K12 Architects, Inc  
3090 Fite Circle, #104  
Sacramento, CA 95827

PH:(916) 455-6500 FAX:(916) 455-8100

CONSULTANTS:

CONTRACTOR:

PROJECT:

**BEE SHINE  
CAR WASH**

**NEW CAR WASH**

**1100 ORLANDO AVE  
ROSEVILLE, CA 95661**

DEVELOPER:

REVISIONS:

PLANNING COMMENTS 1/26/23

PROFESSIONAL SEALS:



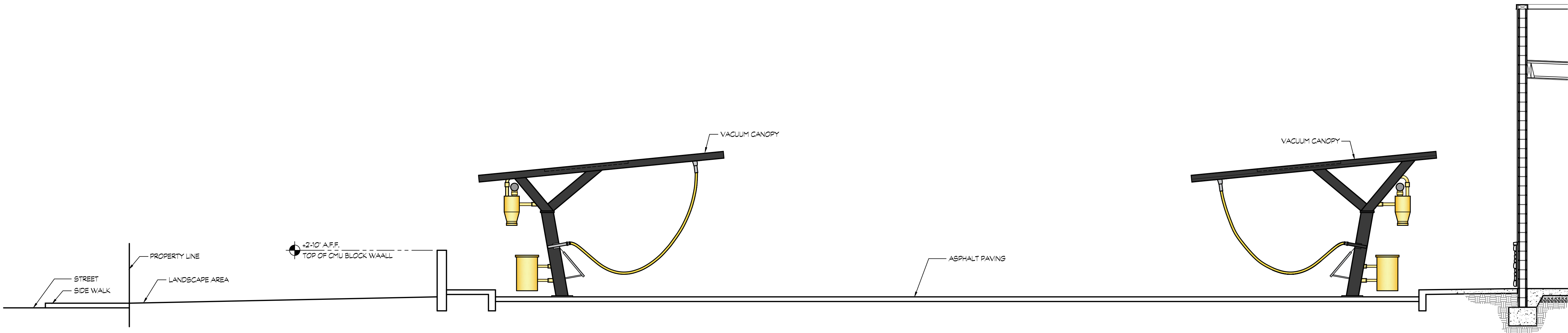
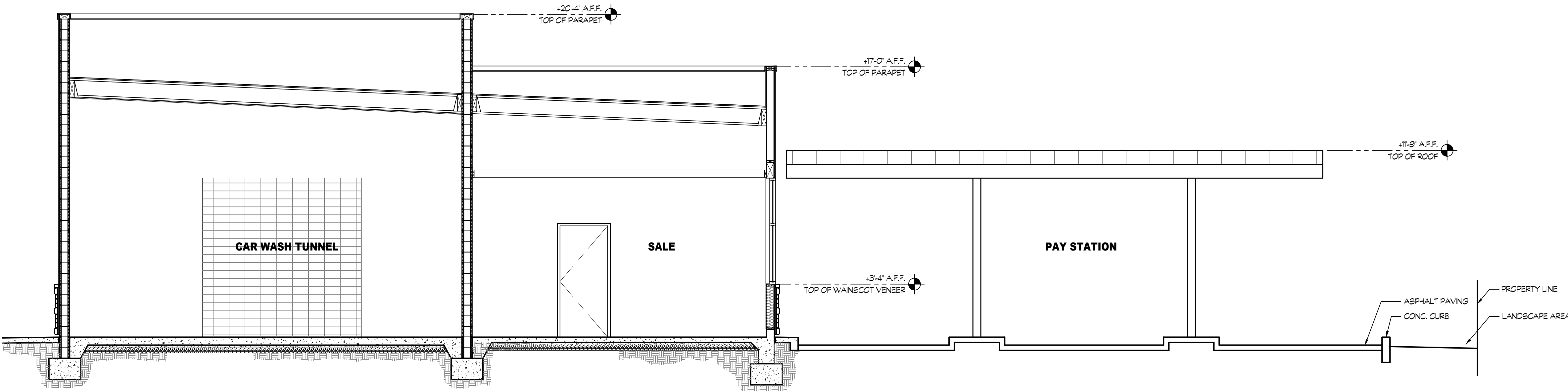
PROJECT NUMBER: **22-005** PROJECT DATE: **4-12-2022**

SHEET CONTENTS:

**CAR WASH BUILDING  
SECTIONS**

SHEET NUMBER:

**A401**



**A CAR WASH - SITE CROSS SECTION A-A**

SCALE: 1/4" = 1'-0"



PC EXHIBIT F

AUBURN BLVD

ORLANDO AVE

LOUIS LANE

ORLANDO AVE

OFFSITE IMPROVEMENT NOTES:

- (A) REMOVE EXISTING DRIVEWAY AND CONSTRUCT TYPE 'S' DRIVEWAY.
- (B) REMOVE AND REPLACE ANY EXISTING BROKEN OR DAMAGED SIDEWALK TO THE NEAREST COLD JOINT.

ONSITE IMPROVEMENT NOTES:

- (1) PLACE AC PAVING.
- (2) PLACE PCC SLAB
- (3) PLACE PCC SIDEWALK. MAXIMUM 5% SLOPE IN DIRECTION OF TRAVEL AND MAXIMUM 2% CROSS-SLOPE.
- (4) PLACE 6" VERTICAL CURB.
- (5) ADA ACCESSIBLE PARKING. MAXIMUM SLOPE IN ALL DIRECTIONS OF 2%.
- (6) CONSTRUCT 2' CURB OPENING.
- (7) CONSTRUCT BUILDING WITH FINISH FLOOR AS SHOWN.
- (8) CONSTRUCT 2' WIDE VALLEY GUTTER AT DRIVEWAY ENTRANCE.
- (9) CONSTRUCT BIORETENTION PLANTER.

CROSS-SECTION A - A  
NTS

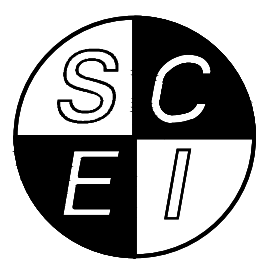
CROSS-SECTION B - B  
NTS

CROSS-SECTION C - C  
NTS

CROSS-SECTION D - D  
NTS

BENCHMARK ELEV. \_\_\_\_\_

FIELD BOOK NO. \_\_\_\_\_ PG. \_\_\_\_\_



**STUKAM CONSULTING ENGINEERS, INC.**  
11344 COLOMA RD. SUITE 235C  
GOLD RIVER, CALIFORNIA 95670  
(916) 858-8241 PHONE (916) 988-6316 FAX

DESIGNED: FTS  
DRAWN: FTS  
CHECKED: FTS  
SUBMITTED: FAREED T. SIDDIQUI  
SCALE: 1"=20'  
RCE: 56122

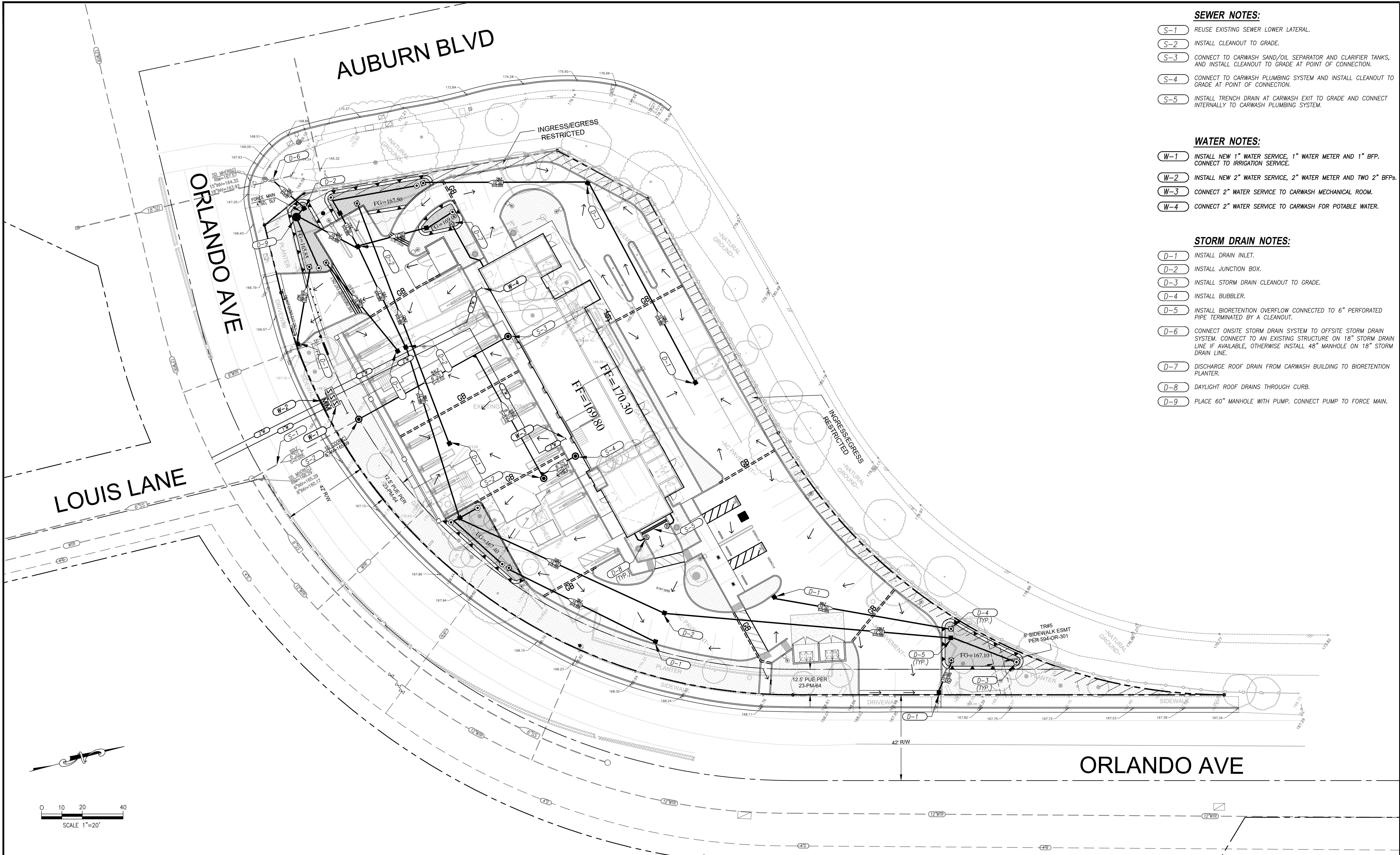


| NO | REVISION | APPROVAL BY: | DATE |
|----|----------|--------------|------|
|    |          |              |      |
|    |          |              |      |
|    |          |              |      |

PRELIMINARY GRADING PLAN  
**1100 ORLANDO AVENUE**  
CARWASH  
APN: 471-060-060  
PLACER COUNTY  
CITY OF ROSEVILLE  
CALIFORNIA

DATE: 1/30/23  
SHEET  
**C1**  
OF **3**





**SEWER NOTES:**

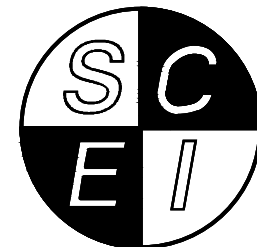
- S-1 REUSE EXISTING SEWER LOWER LATERAL.
- S-2 INSTALL CLEANOUT TO GRADE.
- S-3 CONNECT TO CARWASH SAND/OIL SEPARATOR AND CLARIFIER TANKS, AND INSTALL CLEANOUT TO GRADE AT POINT OF CONNECTION.
- S-4 CONNECT TO CARWASH PLUMBING SYSTEM AND INSTALL CLEANOUT TO GRADE AT POINT OF CONNECTION.
- S-5 INSTALL TRENCH DRAIN AT CARWASH EXIT TO GRADE AND CONNECT INTERNALLY TO CARWASH PLUMBING SYSTEM.

**WATER NOTES:**

- W-1 INSTALL NEW 1" WATER SERVICE, 1" WATER METER AND 1" BFP. CONNECT TO IRRIGATION SERVICE.
- W-2 INSTALL NEW 2" WATER SERVICE, 2" WATER METER AND TWO 2" BFPs.
- W-3 CONNECT 2" WATER SERVICE TO CARWASH MECHANICAL ROOM.
- W-4 CONNECT 2" WATER SERVICE TO CARWASH FOR POTABLE WATER.

**STORM DRAIN NOTES:**

- D-1 INSTALL DRAIN INLET.
- D-2 INSTALL JUNCTION BOX.
- D-3 INSTALL STORM DRAIN CLEANOUT TO GRADE.
- D-4 INSTALL BUBBLER.
- D-5 INSTALL BIORETENTION OVERFLOW CONNECTED TO 6" PERFORATED PIPE TERMINATED BY A CLEANOUT.
- D-6 CONNECT ONSITE STORM DRAIN SYSTEM TO OFFSITE STORM DRAIN SYSTEM. CONNECT TO AN EXISTING STRUCTURE ON 18" STORM DRAIN LINE IF AVAILABLE, OTHERWISE INSTALL 48" MANHOLE ON 18" STORM DRAIN LINE.
- D-7 DISCHARGE ROOF DRAIN FROM CARWASH BUILDING TO BIORETENTION PLANTER.
- D-8 DAYLIGHT ROOF DRAINS THROUGH CURB.
- D-9 PLACE 60" MANHOLE WITH PUMP. CONNECT PUMP TO FORCE MAIN.

|                                |                                                                                                                                                                                                                                        |                               |               |                                                                                       |                                                                                                                                         |      |          |              |      |  |  |  |  |                   |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|------|----------|--------------|------|--|--|--|--|-------------------|
| BENCHMARK ELEV. _____          |  <b>STUKAM CONSULTING ENGINEERS, INC.</b><br>11344 COLOMA RD. SUITE 235C<br>GOLD RIVER, CALIFORNIA 95670<br>(916) 858-8241 PHONE (916) 988-6316 FAX | DESIGNED: FTS                 | SCALE: 1"=20' |  | <table><tr><td>NO</td><td>REVISION</td><td>APPROVAL BY:</td><td>DATE</td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table> | NO   | REVISION | APPROVAL BY: | DATE |  |  |  |  | CITY OF ROSEVILLE |
| NO                             |                                                                                                                                                                                                                                        | REVISION                      | APPROVAL BY:  |                                                                                       |                                                                                                                                         | DATE |          |              |      |  |  |  |  |                   |
|                                |                                                                                                                                                                                                                                        |                               |               |                                                                                       |                                                                                                                                         |      |          |              |      |  |  |  |  |                   |
| FIELD BOOK NO. _____ PG. _____ | DRAWN: FTS                                                                                                                                                                                                                             | CHECKED: FTS                  | DATE: 1/30/23 | DATE: 1/30/23                                                                         |                                                                                                                                         |      |          |              |      |  |  |  |  |                   |
|                                |                                                                                                                                                                                                                                        | SUBMITTED: FAREED T. SIDDIQUI | RCE: 56122    |                                                                                       |                                                                                                                                         |      |          |              |      |  |  |  |  |                   |

PRELIMINARY UTILITY PLAN

**1100 ORLANDO AVENUE**

CARWASH

APN: 471-060-060

PLACER COUNTY

CALIFORNIA

**C2** OF **3**



PC EXHIBIT G

| PARKING SHADE CALCULATIONS         |                |                   |
|------------------------------------|----------------|-------------------|
| Total Parking Area:                | 2,645 Sf       |                   |
| Total Parking Area Shade Required: | 1,322 Sf (50%) |                   |
| Total Parking Shade Provided:      | 1,443 Sf (54%) |                   |
| <hr/>                              |                |                   |
| (3) Pistachia chenensis            | 50% at         | 481 sf = 1,443 sf |



| PLANT SCHEDULE |                                                                                                    |              |          |
|----------------|----------------------------------------------------------------------------------------------------|--------------|----------|
|                | BOTANICAL / COMMON NAME                                                                            | CONT         | QTY      |
|                | Existing Palm / Relocated Palm                                                                     | Transplanted | 3        |
|                | Geijera parviflora / Australian Willow<br>Low Water / WUCOLS                                       | 15 gal       | 13       |
|                | Lagerstroemia indica 'Muskogee' (Strnd) / Muskogee Crape Myrtle<br>Low Water / WUCOLS              | 24" Box      | 11       |
|                | Pistacia chinensis 'Keith Davey' / Keith Davey Chinese Pistache<br>Low Water / WUCOLS              | 15 gal       | 3        |
|                | Pyrus calleryana 'Anstocrat' / Anstocrat Gallery Pear<br>Low Water / WUCOLS                        | 15 gal       | 13       |
| SHRUBS         | BOTANICAL / COMMON NAME                                                                            | SIZE         | QTY      |
|                | Agapanthus orientalis 'BLUE' / Blue' Lily of the Nile<br>Medium Water / WUCOLS                     | 5 gal        | 24       |
|                | Callistemon viminalis 'Little John' / Dwarf Bottlebrush<br>Low Water / WUCOLS                      | 5 gal        | 55       |
|                | Diets bicolor / Fortnight Lily<br>Low Water / WUCOLS                                               | 5 gal        | 76       |
|                | Muhlenbergia capillans 'Pink Cloud' / Pink Muhly<br>Low Water / WUCOLS                             | 1 gal        | 87       |
|                | Myrtus communis 'Compacta' / Dwarf Myrtle<br>Low Water / WUCOLS                                    | 5 gal        | 24       |
|                | Nandina domestica 'Compacta' / Dwarf Heavenly Bamboo<br>Low Water / WUCOLS                         | 5 gal        | 66       |
|                | Pennisetum setaceum 'Rubrum' / Purple Fountain Grass<br>Low Water / WUCOLS                         | 1 gal        | 100      |
| VINE/ESPALIER  | BOTANICAL / COMMON NAME                                                                            | SIZE         | QTY      |
|                | Ficus pumila / Creeping Fig<br>Medium Water / WUCOLS                                               | 5 gal        | 5        |
| GROUND COVERS  | BOTANICAL / COMMON NAME                                                                            | CONT         | QTY      |
|                | Hypencum calycinum 'Fiesta' / St. John's Wort<br>Low Water / WUCOLS Spaced at 36" o.c.             | 1 gal        | 269      |
|                | Juniperus horizontalis 'Blue Rug' / Blue Rug Juniper<br>Low Water / WUCOLS Spaced at 36" o.c.      | 1 gal        | 413      |
|                | Mahonia repens / Creeping Mahonia<br>Low Water / WUCOLS Spaced at 36" o.c.                         | 1 gal        | 57       |
|                | Verbena peruviana 'Little Pinkie' / Little Pinkie Verbena<br>Low Water / WUCOLS Spaced at 18" o.c. | 1 gal        | 107      |
| BIO-SWALE      | BOTANICAL / COMMON NAME                                                                            | CONT         | QTY      |
|                | 'Bio Filtration' Sod / By Delta Bluegrass-Phone (800-637-8873)<br>Medium Water / WUCOLS            | sod          | 2,567 sf |

NOTES:

- Landscape shall be designed per City of Roseville & Placer County landscape design requirements and California MWEO.
- No groundcover or shrubs are to be planted within 3' of any tree trunk.
- A landscape soils test shall be analyzed by a soils testing laboratory. Soils shall be amended per soil analysis report recommendations prior to Landscape Installation.
- This project shall be irrigated by an automatic irrigation system consisting of subsurface drip for shrubs and groundcover, and deep watering bubblers for all trees all connected to a smart controller.
- All planter areas shall receive a three-inch (3") mulch of red fir walk-on bark. All groundcover areas shall receive a two-inch (2") layer of bark mulch.

REVISIONS

BY

CAROL PERRY BROWN

Landscape Architecture  
Irrigation Design

California Irrigation Designer

CID

Professional Association

530 823 2621  
perrydesign@att.net  
RLA 3941 CID 002624

BE SHINE CAR WASH

1100 Olando Avenue  
Roseville, CA.

LICENSED LANDSCAPE ARCHITECT

CAROL PERRY BROWN

NO. 3941

REN. 11-30-20

06-16-22

STATE OF CALIFORNIA

PRELIMINARY PLANTING  
PLAN

LP-1

Date

August 22, 2022

Scale

1" = 20'-0"

Drawn

Carol B.

Job

Sheet

LP-1

Of

Sheets



ORDINANCE NO.

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE  
AMENDING ZONING ORDINANCE NO. 5428 OF THE CITY OF ROSEVILLE  
CHANGING THE ZONING OF CERTAIN REAL PROPERTY LOCATED  
WITHIN THE CITY OF ROSEVILLE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. The Council of the City of Roseville has reviewed the findings of the Planning Commission regarding approval of the rezone specified herein, and make the following findings pursuant to Section 19.86.050 of the Zoning Ordinance:

1. The rezone is in conformance with the public interest, health, safety, or welfare of the City; and
2. The rezone is consistent with the objectives, policies, programs, and land use designations of the City of the Roseville General Plan.

SECTION 2. Section 19.06.020 of the Zoning Ordinance of the City of Roseville, Ordinance No. 5428, is amended to change the zoning of that portion of certain real property located on Parcel 175 of the Infill area in the City of Roseville, as shown and so designated in Exhibit "A", attached and incorporated herein by reference, is hereby rezoned from Neighborhood Commercial (NC) to Community Commercial (CC).

SECTION 3. This ordinance shall be effective at the expiration of thirty (30) days from the date of adoption.

SECTION 4. The City Clerk is hereby directed to cause this ordinance to be published in full at least once within fourteen (14) days after it is adopted in a newspaper of general circulation in the City, or shall within fourteen (14) days after its adoption cause this ordinance to be posted in full in at least three (3) public places in the City and enter in the Ordinance Book a certificate stating the time and place of said publication by posting.

PASSED AND ADOPTED by the Council of the City of Roseville this \_\_\_\_ day of \_\_\_\_\_, 2023, by the following vote on roll call:

AYES            COUNCILMEMBERS:

NOES            COUNCILMEMBERS:

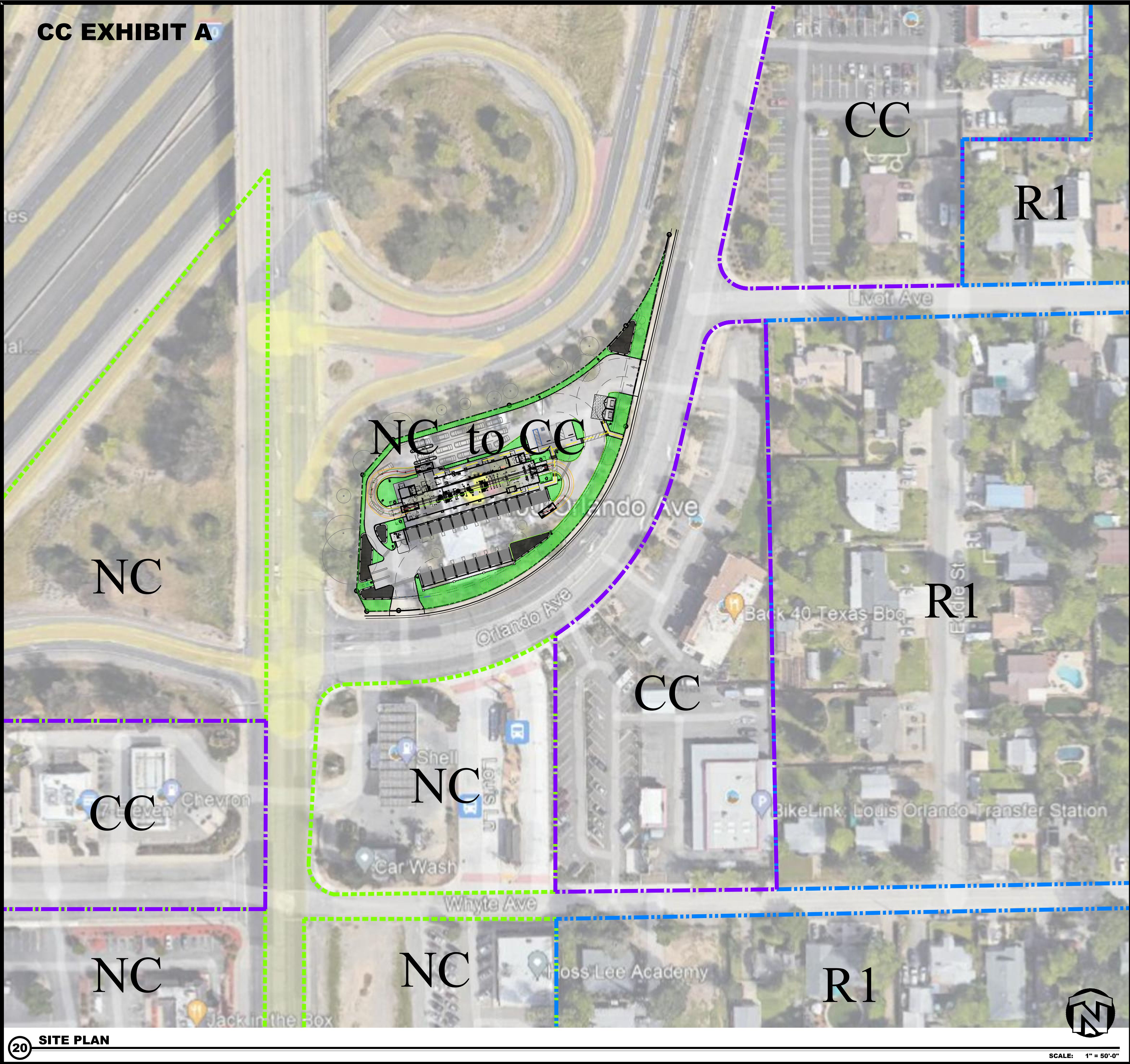
ABSENT        COUNCILMEMBERS:

\_\_\_\_\_  
MAYOR

ATTEST:

\_\_\_\_\_  
City Clerk





PROJECT DATA

- A

PROJECT SITE- ZONE NC , REZONING TO CC
- B

ZONE CC
- C

ZONE R1- NOT IN ROSEVILLE
- B

ZONE CC



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Sacramento, CA 95827  
PH:(916) 455-6500 FAX:(916) 455-8100

CONSULTANTS:

CONTRACTOR:

PROJECT:

BEE SHINE  
CAR WASH

NEW CAR WASH

1100 ORLANDO AVE  
ROSEVILLE, CA 95661

DEVELOPER:

REVISIONS:  
PLANNING COMMENTS 1/26/23

PROFESSIONAL SEALS:



PROJECT NUMBER: 22-005 | PROJECT DATE: 4-12-2022

SHEET CONTENTS:

ZONING MAP

SHEET NUMBER:

A104